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Mass - Norfolk State Hosp
FIRST ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORFOLK STATE HOSPITAL,

FOR THE YEAR ENDING NOVEMBER 30, 1914.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
32 DERNE STREET.

1915.

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APPROVED BY
THE STATE BOARD OF PUBLICATION.

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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

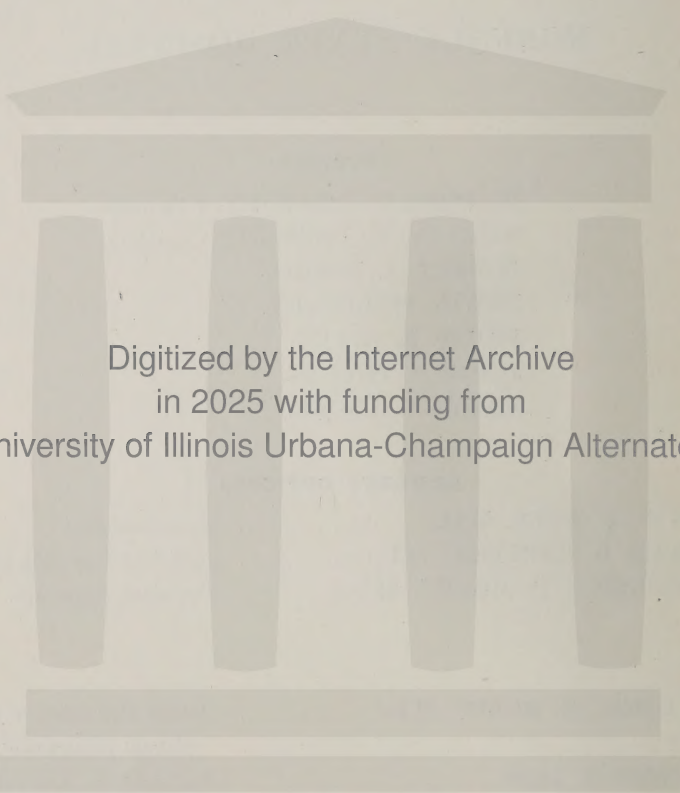
W. RODMAN PEABODY, *Chairman.*
WILLIAM H. PRESCOTT, *Secretary.*
ROBERT A. WOODS.
EDWIN MULREADY.
PHILIP R. ALLEN.
JAMES J. PHELAN.
FRANK L. LOCKE.

RESIDENT OFFICERS.

IRWIN H. NEFF, M.D., *Superintendent.*
FRANK H. CARLISLE, M.D., *Assistant Superintendent.*
FREDERICK P. MOORE, M.D., *Assistant Physician.*

SOLOMON H. RUBIN, M.D., *Acting Physician to Out-
patient Department.*
THOMAS F. FOSS, *Assistant to Out-patient
Department.*

NELSON CROSSKILL, *Steward.*



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The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

The trustees of the Norfolk State Hospital have the honor of presenting herewith their first annual report.

The Norfolk State Hospital for the care and treatment of inebriates and drug habitués became an independent institution of the Commonwealth on June 1, 1914. For two years previously it had been conducted as a colony of the Foxborough State Hospital, to which hopeful and trustworthy patients had been sent that they might assist in the construction of the hospital plant. The former Board of Trustees of the Foxborough State Hospital were appointed by the Governor to be the trustees of the Norfolk State Hospital, and since June 1 the Foxborough State Hospital has become an institution for the care of the insane. Dr. Irwin H. Neff was appointed superintendent of the Norfolk Hospital, but in addition to his duties at that hospital he served as superintendent of the Foxborough Hospital during the whole summer.

For the first time the Commonwealth has a hospital for inebriates which in situation and character is suitable for the purpose for which it is employed. The hospital owns about 1,000 acres of land in Norfolk and Walpole, which lie in the shape of a bowl or saucer, and through the center of which runs the Stop River. Upon the sides of the ridges facing inward are the present patient colonies and the sites for future colonies. Immediately beneath them stretches farming land, and in the center are many acres of lowland which are capable of being drained as further cultivable land is required. The hillsides are covered with a growth of timber which will pro-

vide outdoor winter labor for many years to come. On the rise near the center of the tract, and visible from all the hospital lands, is the superintendent's residence. Immediately to the north and to the south of the hospital boundaries are main divisions of the New York, New Haven & Hartford Railroad. Although the area of the hospital lands is large, the sloping contour of the ridges serves to unify the hospital community and to separate it from the activities and distractions of the outside world. The advantage of this geographical sequestration with its accompanying interest in the life and events which are immediately at hand is already apparent.

The buildings which thus far have been constructed consist of a hospital group for the reception of new patients, an administrative group for the necessary industrial and service buildings, a detention colony designed for habitual inebriates, and a group of farm buildings and employees' quarters. It was the purpose of the trustees to separate by as large a distance as possible, the youthful curative class of inebriates from the old constant drinkers, for experience at Foxborough has proved but too clearly that contiguity of all classes of inebriates has a tendency to level the standards of the higher to those of the lowest. Accordingly, the detention colony has been placed near the northern boundary of the tract, and the hospital buildings close to the southern boundary. As the appropriation for the year 1914 was insufficient to provide for hospital cottages, the detention colony is now being occupied by hospital cases. The institution is therefore unable to admit any of the habitual cases which apply for admittance or are sent by the courts to it.

As many of the older employees and attendants at the Foxborough Hospital desired to be transferred to the Norfolk Hospital, arrangements were made by Dr. Neff for taking them over to the new hospital as substitutes could be found for them at the Foxborough Hospital. Accordingly, the Norfolk Hospital was inaugurated with an exceptionally loyal and experienced corps of assistants. Many of these employees, as well as Dr. Neff, performed double service during the summer, and served both the Norfolk Hospital and Foxborough. None of them received additional compensation for this extra service.

The failure to provide for the erection of the necessary hospital cottages has resulted in great inconvenience to the courts and embarrassment to the officials of the hospital. Chapter 558 of the Acts of 1914 authorized the municipal court of the city of Boston to commit to the Norfolk Hospital dipsomaniacs, inebriates and drug habitués. Most of the cases coming before this court belong to the class of confirmed drinkers, and it is for the reception of this class of patients that the detention colony was authorized and constructed. The judges now desire to commit persons under this statute, but the hospital has no room to care for the men sent to it. They are of necessity discharged as room becomes necessary for hospital cases, and they soon find their way back to the criminal courts. On the other hand the hospital is of necessity doing its work on an inefficient basis. The general plant is organized upon the plan of caring for 500 patients, but there are only 250 beds. Overhead expenses designed for a large institution cause an unfortunately high per capita expense. With dormitory cottages, double the number of patients now at the hospital could be cared for at little additional expense above the actual food.

The per capita cost, however, is not a true indication of the real expense of maintaining patients at the hospital, because, first, the hospital has been open but six months, and the cost of organizing always exceeds the cost of maintenance after the plant is in regular running order; second, owing to the inadequate appropriation for the buildings, it was found necessary to spend several thousand dollars from the maintenance fund of the hospital upon furnishings and equipment; third, the per capita cost of patients at the hospital includes the cost of the out-patient department, which serves persons who are not and perhaps never have been hospital patients; fourth, it takes no account of the productive labor of patients at the hospital; fifth, the per capita cost includes also the expense of taking care of observation cases. These cases apply at the hospital for voluntary admission, but as they may not meet the requirements for which the voluntary law was enacted, a certain percentage of these men are refused admission to the hospital. In our next report the true net per capita cost of maintaining pa-

tients will be separated from the present misleading items of capital cost.

During the six months that the hospital has been in operation, the response of the patients to hospital treatment has been remarkably satisfactory. As soon as a man becomes in good enough physical condition to undertake regular work, he has been placed in a group which is engaged either in grading, lumbering, road making or farming. Though the patients come from all classes of society and from all forms of occupation, they take up the outdoor manual labor with surprising enthusiasm. The construction work which they have performed has very materially lessened the cost of the hospital plant.

From its experience in the Foxborough Hospital at the time when the Norfolk Hospital was a dependent colony, the Board has been much impressed with the possibilities of public service and practical economy which are afforded by a closer association of different State institutions, and has endeavored to bring the Norfolk Hospital in as close co-operation with other State institutions as is practicable. We have received much kindly assistance from the officers of the Amherst Agricultural College, and have endeavored to lay out a farm which in fact, if not in name, may gradually become an extension colony of the college, where neighboring farmers may find an illustration of the application of agricultural science as taught at the college adapted to the local soils and conditions of Norfolk County. If the hospital farm can thus become of practical service to the farming and dairy interests of eastern Massachusetts, not only will the community be more willing to contribute in taxes to the support of the hospital, but the graduate patients, who have had a farm training of the best character, will find work of a profitable and healthy nature waiting for them in near-by towns. A tract of woodland and marsh has been turned over to the Fish and Game Commission to be used as a breeding place for game birds. All necessary labor has been performed by hospital patients under the supervision of an agent of the commission. Thus the Commonwealth is saved the cost of an independent reservation and hospital patients are led to new and stimulating interests.

Another tract of land has been partially cleared for the use of the State Forester, who plans, with the aid of patient labor, to lay out a nursery of white pine and other forest trees.

The State Highway Commission has kindly consented to co-operate with us in our road making and development.

The cement plant of the hospital turned out during the winter months more brick than was needed for the hospital buildings, and we were able to sell to another State institution a number of bricks sufficient to allow it to construct a new building at a cost much below the open market price. The superintendent of the hospital has just undertaken a contract to supply other institutions and commissions with the flag of the Commonwealth. Other forms of co-operation, which will be put in execution as opportunity arises, are now being planned.

The out-patient department of the Foxborough Hospital became a branch of the Norfolk Hospital when the latter became an independent institution. In previous reports of the Foxborough Hospital we have explained the nature and value of the work done by this department. It not only provides the means of watching and advising patients who have left the hospital, but because they are thus subject to the supervision of the hospital after they have ceased living there, they are permitted to leave after a shorter stay than otherwise would be expedient. Thus the out-patient department more than pays for itself by saving the cost of maintaining patients in the hospital. The Board believes that the establishment in Springfield of an out-patient office, which shall serve the western part of the State, would be most advisable, and an appropriation for such an office is requested in our budget for the coming year.

The time has now come when there should be a much more general recognition of the fact that a hospital for inebriates is fundamentally an agency for preventive medicine, and does not exist merely to assist those persons who are already suffering from inebriety. In its last report the State Board of Insanity states that 25 per cent. of the insanity of the Commonwealth is due directly or indirectly to the use of alcohol. There are estimated to be under institutional care 14,921 insane in this Commonwealth, and one-quarter of this sum

amounts to 3,730 cases. Dr. William J. Brickley, the superintendent of the Haymarket Square Relief Station of the Boston City Hospital, has recently reported that 25 per cent. of all the cases which come to that hospital are due to alcohol. The records of the superintendent of the Norfolk State Hospital show that 24 per cent. of all persons who have left the Foxborough Hospital during the last five years and have been out at least six months are abstinent, and that 853, or 40 per cent. of all such cases, are materially improved. It is fair to assume, therefore, that the hospital is doing its part to save further investment by the Commonwealth in relief stations and insane asylums.

During the past year, greatly to the regret of the Board, Dr. Timothy J. Foley of Worcester resigned his membership in the Board in order that he might accept membership upon the Board of the Worcester Hospital for the Insane, and James J. Phelan, Esq., of Boston was appointed by the Governor in his place.

On Nov. 11, 1914, Dr. John A. Horgan, the out-patient physician, died. His death occasions a loss to the hospital which it will be difficult to replace. Dr. S. H. Rubin is at the present time acting as out-patient physician.

The following appropriations are necessary in order that the hospital may adequately care for the varied types of inebriety for which it is intended, and we recommend that the Legislature appropriate the sums hereinafter set forth. If these appropriations are granted, the hospital will be able to care for the maximum number of 500 patients with employees, for which the original plans called.

A year ago the Board recommended that it be authorized to construct a simple colony for the care of women inebriates. The Board is still of the opinion that such a colony is not only advisable but that the State takes upon itself a grave and unwise responsibility when it authorizes the committal of such women to insane asylums. We are very far from desiring to extend the scope of our authority farther than the Legislature deems wise, but we feel it our duty to place on record once more our opinion of the necessity of such a colony, and of our will-

ingness to accept the administration of it in case we are requested by the Legislature so to do.

| | |
|---|--------------------|
| Five cottages and equipment for men, each cottage with a maximum capacity of 30, at \$8,600 each, | \$43,000 00 |
| One cottage and equipment for women, to provide for 30 patients, | 10,000 00 |
| Assembly building and recreation hall, | 18,000 00 |
| Dining-room building, which will also accommodate 18 employees, | 18,000 00 |
| A dormitory building for 100 men, | 34,000 00 |
| Barn and vehicle storage, | 4,000 00 |
| Building for the manufacture of cement brick and cement products, | 4,000 00 |
| Underground piping, conduit and insulation, to connect with central heating plant, | 21,000 00 |
| Sewer and water construction, | 3,000 00 |
| Outside wiring to cottages, dining-room building and assembly building, | 1,000 00 |
| Additional land, | 10,000 00 |
| Hydriatic department in hospital building, | 2,500 00 |
| Total, | <hr/> \$168,500 00 |

W. RODMAN PEABODY.
 WILLIAM H. PRESCOTT, M.D.
 ROBERT A. WOODS.
 EDWIN MULREADY.
 JAMES J. PHELAN.
 PHILIP R. ALLEN.
 FRANK L. LOCKE.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

The following figures refer to the changes in population at the hospital since its opening for the admission of patients on June 1, 1914. At that time 129 men, who had previously been transferred from the Foxborough State Hospital, were under treatment at this hospital. On May 31 the remaining inebriate and drug cases were transferred to the hospital, making a total of 187 patients under treatment on June 1, 1914.

The total number of inebriate patients and drug habitués received for treatment during the six months' period beginning June 1, 1914, — 557, — shows an increase over the same period last year of 85. There were 550 new cases received during this time, 195 more than during the corresponding period of last year. One hundred and fifty-seven cases, which had formerly been under treatment at the Foxborough State Hospital, are included in the 550 admissions. Of the new cases received, 450, or 82 per cent., were voluntary; 100, or 18 per cent., were committed by the courts. The total number of committed cases during this period exceeds by 2 the number during the corresponding period of the previous year. Of the new admissions, 310, or 56 per cent., gave a history of one or more arrests for drunkenness; 52 had served one or more terms in a penal institution for intoxication; 38 had been in public or private institutions for treatment for intoxication. There were 13 cases of alcoholic delirium admitted during the six months' period.

Fifty-four new cases of drug habituation have been admitted since the opening of the hospital on June 1.

The total number of inebriate patients and drug habitués discharged during this period was 561, 13 less than were dis-

charged during the same period of the preceding year. There have been no deaths since the opening of the hospital.

During the six months' period, 243 cases were received for observation; the total number of days' board furnished was 844. Fifty-one of these men were afterward admitted as patients.

The number of beds in the hospital — 250 — does not meet the demands made on the institution. The need of more room and better facilities for housing patients and employees is urgent. The lack of a sufficient number of cottages has prevented us from carrying out the segregation scheme of cases, which is unquestionably the most prominent and essential feature in developing the modern treatment of drunkenness. This has been outlined in the several legislative reports which have been made during the past four years.

During the six months' period that the hospital has been in operation, the organization has been progressing satisfactorily. Owing to the fact that some of the service buildings were not completed until the early fall of 1914, the departmental work was not fully organized until the latter part of September. We have been fortunate in securing many of the trained employees of the Foxborough State Hospital, who have not only been zealous in their work but have co-operated in every way possible. Our success in overcoming many of the difficulties in organizing a hospital of this character is largely due to the unselfish and efficient work of our employees.

TYPE OF PATIENTS.

Our experience thus far at the Norfolk State Hospital has shown us that, if the hospital had adequate facilities for segregation and individualization, a better standard of patients, who would voluntarily submit themselves for treatment, would naturally follow. The truth of this statement has already been demonstrated as the type of the voluntary case has progressively improved.

The extreme chronicity of the greater number of the committed cases is a strong factor in operating against the permanent good which the hospital can do. A certain number of these cases have been committed by the courts with the belief

that the hospital is prepared to care for the confirmed types of drunkenness, but until the two divisions of the institution are organized, the care of the custodial case can only be of a temporary nature.

Fifty-eight drug cases have been under treatment during the past six months. It is yet too early to determine the value of hospital treatment for these people. We feel justified, however, in saying that the opportunity of segregating drug cases, which as yet we have been able only partially to carry out, is a distinct feature in giving them the specialized and distinctive treatment which they demand.

OUT-PATIENT DEPARTMENT.

The value of having the out-patient department an integral part of the hospital has been decisively shown in the present satisfactory condition of its management and control. Unquestionably, our independence has made it possible for us to do better and more effective co-operative work. In January, 1914, a permanent out-patient office was established in Boston. The office has served its purposes admirably, and has been helpful in the different ways, as originally planned. Its extension is strongly recommended, as its economic importance to the Commonwealth and value to the hospital cannot be overestimated. The co-operation of the courts, probation officers, charitable associations and interested individuals in the out-patient work has been of material help in extending the scope of the hospital and acquainting the public with the objects of the institution. The following figures will give some idea of the work performed by this department during the past year: —

| | |
|---|-------|
| Visits to office, | 471 |
| Visits to hospital, | 105 |
| Visits to homes of patients who are at the hospital, | 516 |
| Visits to homes of patients who have been discharged from the hospital, | 2,770 |
| Visits to employers relative to work for discharged patients, | 130 |
| Situations obtained for discharged patients, | 97 |
| Men who are abstinent and working, | 1,188 |
| Men who are abstinent, but not working, | 227 |
| Men who are drinking some, but working, | 295 |
| Men who are drinking and not working, | 472 |

| | |
|--|-----|
| Men who have not been located, | 298 |
| No answer to inquiries, | 481 |
| Men applying at office, recommended for admission to hospital, | 470 |
| Men applying at office, refused admission to hospital, | 367 |
| Patients reporting at office, abstinent and working, | 360 |
| Men drinking whose return was advised, | 137 |
| Men drinking whose return was refused, | 184 |
| Inquiries, | 473 |
| Consultation with outside parties, | 76 |
| Letters sent out relative to discharged patients, | 891 |

The table given below is based on the reports of the out-patient department of patients discharged from the hospital during the five-year period from Oct. 1, 1909, to Oct. 1, 1914; these results have been verified to Jan. 1, 1915. The patients to whom the statistics refer have been under observation for a minimum period of nine months and a maximum period of five years.

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | Total. |
|---|---|---|---|---|---|--------|
| Abstinent, | 33 | 77 | 89 | 161 | 160 | 520 |
| Improved; drinking some, but working and earning livelihood, | 45 | 49 | 44 | 58 | 37 | 233 |
| Unimproved; not benefited by hospital treatment. | 202 | 202 | 165 | 197 | 117 | 883 |
| Patients not located; present condition unknown. | 115 | 138 | 259 | 340 | 128 | 980 |
| Died, | 27 | 20 | 17 | 20 | 14 | 98 |
| Insane, | 10 | 6 | 13 | 7 | 4 | 40 |
| | 432 | 492 | 587 | 783 | 460 | 2,754 |

The resulting percentages are based on the total number of discharges for the different years during the five-year period, including the 980 men whose whereabouts have not been located. Eighteen per cent. of the men discharged during 1909-10, 26 per cent. discharged during 1910-11, 23 per cent. discharged during 1911-12, 28 per cent. discharged during 1912-13, and 43 per cent. discharged during 1913-14, are at work and doing well. Figured on the total number of discharges, 753, or 27 per cent., have been improved by hospital treatment; 883, or 32 per cent., were unimproved; 980, or 36 per cent., were not

located; 98, or 3 per cent., have died, and 40, or 1 per cent., have become insane. If the 980 cases not located were excluded from the totals, the percentage of improvements would be 42 per cent.

LABOR BY PATIENTS.

The work done by patient labor has been satisfactorily carried out under the different department heads, and has furnished both outside and inside employment to the greater number of men under treatment at the hospital. The work as planned has proceeded satisfactorily, and much new work incidental to the new hospital has been initiated. The willingness of patients to work in the departments to which they are assigned has been a considerable factor in accomplishing a large amount of new work with an appreciable saving to the Commonwealth.

The work for the coming year to be done by hospital labor as now planned is largely that of construction and farm development. It can be briefly expressed as extension and new construction, and can be classified under the different department heads as follows:—

Medical Service.

1. The inauguration of specialized laboratory and clinical work connected with the study of drug and alcohol addiction.

2. Dissemination of the knowledge of the aims, purposes and objects of the hospital:—

- (a) By popular talks and lectures.

- (b) By co-operation with societies and persons interested in the hospital work.

- (c) By the publication of scientific data.

3. Extension of out-patient work.

General and Departmental Work.

1. The making of brick, sewer pipe and building accessories for the contemplated new buildings and appurtenances. In this connection it should be noted that all trench digging, sewers and cement work and much of the plumbing in the new buildings will be done by hospital labor.

2. Building of coal trestle.

3. Road making, grading and landscape work.

4. Building of cement shop and barn for vehicle storage, for which an appropriation is asked.

5. Reclamation of land, planting of new orchard, development of poultry interests and establishment of a new dairy herd.

6. Planting of forestry nursery and reforestation under direction of the State Forestry Commission.

7. Building of yards for ducks and general landscape work on the game reservation in connection with the State Fish and Game Commission.

In the work as above outlined advantage will be taken of the interest which has been shown by the different State departments in our developmental work. The State Fish and Game Commission, forestry and agricultural departments have given us valuable advice, and their expert knowledge has prevented us from making mistakes which would surely have handicapped us in our new and initiative work.

IRWIN H. NEFF, M.D.,

Superintendent.

FARM PRODUCE.

VALUE FOR FISCAL YEAR ENDING NOV. 30, 1914.

Field, Garden and Orchard Products.

| | | |
|--------|-------------------------------------|----------|
| 44 | barrels apples | \$71 00 |
| 30 | bushels beans (string), | 25 50 |
| 20 | bushels beans (dry), | 53 00 |
| 165 | bushels beets, | 99 00 |
| 43 | bushels beet greens, | 17 20 |
| 5 | quarts blackberries, | 60 |
| 154.85 | hundred weight cabbage, | 100 65 |
| 116 | bushels carrots, | 69 60 |
| 9 | crates canteloupes, | 9 00 |
| 208 | boxes celery, | 156 00 |
| 111 | bushels corn (sweet), | 66 60 |
| 118 | tons corn (ensilage), | 590 00 |
| 4.37 | tons corn (fodder), | 21 85 |
| 16 | tons corn (sweet fodder), | 80 00 |
| 9 | bushels cranberries, | 27 00 |
| 50 | boxes cucumbers, | 50 00 |
| 95 | pounds endives, | 28 50 |
| 60 | pounds grapes, | 2 40 |
| 61.5 | tons hay (English), | 1,276 13 |
| 17.5 | tons hay (meadow), | 192 50 |
| 12 | boxes lettuce, | 3 00 |
| 53 | bushels onions, | 31 80 |
| 141 | bushels parsnips, | 91 65 |
| 8 | bushels peas, | 16 00 |
| 2 | bushels pears, | 1 50 |
| 1,933 | bushels potatoes, | 1,063 15 |
| 10.26 | hundred weight pumpkins, | 15 39 |
| 2 | bushels radishes, | 1 50 |
| 7.8 | tons roots, | 39 00 |
| 40 | bushels scullions, | 10 00 |
| 6.5 | bushels spinach, | 2 27 |
| 35 | barrels squash (summer), | 21 00 |
| 64 | bushels tomatoes, | 64 00 |
| 396 | bushels turnips, | 297 00 |

 \$4,593 79

Sundry Farm Products.

| | | | |
|--------------------|-------------------------------------|----------|------------|
| 272 $\frac{5}{12}$ | dozen eggs, | \$68 10 | |
| — | hides, etc., | 42 25 | |
| 106 | cords manure, | 636 00 | |
| 2 $\frac{1}{2}$ | barrels manure (poultry), | 1 88 | |
| 37,601 | quarts milk, | 2,130 72 | |
| 7,381 | pounds pork, | 885 72 | |
| 123 | pounds poultry (chicken), | 29 52 | |
| 231 | pounds poultry (fowl), | 39 27 | |
| | | | <hr/> |
| | | | \$3,833 46 |

Forest Products, etc.

| | | | |
|------------------|-----------------------------------|----------|-------------|
| 10,000 | feet lumber (chestnut), | \$250 00 | |
| 2,900 | feet lumber (oak), | 72 50 | |
| 26,000 | feet lumber (pine), | 650 00 | |
| 138 | poles (chestnut), | 690 00 | |
| 600 | posts (chestnut), | 180 00 | |
| 68 | ties (chestnut), | 30 60 | |
| 63 $\frac{3}{4}$ | cords wood, | 306 75 | |
| 94 | tons ice, | 282 00 | |
| | | | <hr/> |
| | | | 2,461 85 |
| | | | <hr/> |
| | Total, | | \$10,889 10 |

VALUATION.

Nov. 30, 1914.

| | | |
|--|-------------|--------------|
| Land:— | | |
| Grounds (120 acres), | \$5,520 00 | |
| Tillage (29.61 acres), | 962 33 | |
| Orchard (4.30 acres), | 139 75 | |
| Mowing (47.63 acres), | 1,547 98 | |
| Pasture (206.71 acres), | 6,718 08 | |
| Woodland (219 acres), | 7,117 50 | |
| Waste (378.75 acres), | 12,309 37 | |
| | | <hr/> |
| | | \$34,315 01 |
| Total, 1,006 acres. | | |
| Buildings:— | | |
| Administration, | \$64,548 76 | |
| Employees, | 11,295 85 | |
| Farm, stable and grounds, | 19,895 00 | |
| Heat, light and power, | 11,023 65 | |
| Inmates, | 72,833 68 | |
| | | <hr/> |
| | | 179,596 94 |
| Miscellaneous:— | | |
| Coal trestle and siding, | \$1,664 98 | |
| Equipment for heat, light and power, | 18,506 92 | |
| Heating system, | 219 41 | |
| Hot-water system, | 182 25 | |
| Outside wiring, | 2,480 32 | |
| Sewage system, | 1,554 06 | |
| Water system, | 10,059 09 | |
| Subways, | 218 93 | |
| | | <hr/> |
| | | 34,885 96 |
| Inventory of personal property, | | 48,434 80 |
| | | <hr/> |
| Total, | | \$297,232 71 |

TREASURER'S REPORT.

To the Trustees of the Norfolk State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1914:—

CASH ACCOUNT.

| | |
|-----------------------|----------|
| Balance Dec. 1, 1913, | \$452 06 |
|-----------------------|----------|

Receipts.

Institution Receipts.

Board of inmates:—

| | | |
|-----------------------------|----------|----------|
| Private, | \$435 45 | |
| Reimbursements, charitable, | 48 00 | |
| | | \$483 45 |

Sales:—

| | | |
|---------------------------|--------|--|
| Clothing and materials, | \$7 96 | |
| Repairs and improvements, | 1 50 | |
| Miscellaneous, | 20 11 | |

Farm, stable and grounds:—

| | | |
|------------------|---------|--|
| Cows and calves, | \$35 00 | |
| Hides, | 13 25 | |
| Vegetables, | 42 50 | |
| Sundries, | 22 86 | |
| | 113 61 | |

143 18

Miscellaneous receipts:—

| | | |
|----------------------------|----------|--------|
| Interest on bank balances, | \$126 94 | |
| Sundries, | 8 88 | |
| | | 135 82 |

762 45

Receipts from Treasury of Commonwealth

Maintenance appropriations:—

| | | |
|---|------------|-----------|
| Balance of 1913, | — | |
| Advance money (amount on hand November 30), | \$4,666 78 | |
| Approved schedules of 1914, | 82,981 36 | |
| | | 87,648 14 |

| | | |
|-------------------------|------------|--|
| Special appropriations, | 127,864 34 | |
|-------------------------|------------|--|

| | | |
|--------|--------------|--|
| Total, | \$216,726 99 | |
|--------|--------------|--|

Payments.

| | | |
|--|-----------|--------------|
| To treasury of Commonwealth, institution receipts, | \$762 45 | |
| Maintenance appropriations: — | | |
| Balance November schedule, 1913, | \$452 06 | |
| Eleven months schedules, 1914, | 82,981 36 | |
| November advances, | 4,330 48 | |
| | | 87,763 90 |
| Special appropriations: — | | |
| Approved schedules, | | 127,864 34 |
| Balance, Nov. 30, 1914: — | | |
| In bank, | \$139 90 | |
| In office, | 196 40 | |
| | | 336 30 |
| Total, | | \$216,726 99 |

MAINTENANCE.

| | |
|---|-------------|
| Appropriation, \$80,050, transferred from extraordinary expenses, | |
| \$9,950, | \$90,000 00 |
| Expenses (as analyzed below), | 89,709 62 |
| | |
| Balance reverting to treasury of Commonwealth, | \$290 38 |

Analysis of Expenses.

| | | |
|--|-------------|-------------|
| Salaries, wages and labor: — | | |
| Irwin H. Neff, M.D., superintendent, | \$2,250 00 | |
| General administration, | 10,151 50 | |
| Medical service, | 3,000 00 | |
| Out-patient department, | 1,898 67 | |
| Ward service (male), | 3,619 06 | |
| Repairs and improvements, | 4,773 70 | |
| Farm, stable and grounds, | 3,195 20 | |
| | | \$28,888 13 |
| Food: — | | |
| Butter, | \$168 29 | |
| Butterine, | 1,352 70 | |
| Beans, | 337 24 | |
| Bread and crackers, | 1,205 12 | |
| Cereals, rice, meal, etc., | 256 83 | |
| Cheese, | 248 81 | |
| Eggs, | 1,831 09 | |
| Flour, | 1,165 43 | |
| Fish, | 832 43 | |
| Fruit, (dried and fresh), | 533 06 | |
| Lard, | 261 93 | |
| Meats, | 6,900 49 | |
| Milk, | 13 17 | |
| Molasses and syrup, | 50 42 | |
| Spices, seasonings, salts, etc., | 317 40 | |
| Sugar, | 1,089 75 | |
| Tea, coffee, broma and cocoa, | 706 96 | |
| | | |
| Amounts carried forward, | \$17,271 12 | \$28,888 13 |

| | | |
|---|-------------|-------------|
| <i>Amounts brought forward,</i> | \$17,271 12 | \$28,888 13 |
| Food— <i>Con.</i> | | |
| Vegetables, | 835 08 | |
| Yeast, | 39 12 | |
| Sundries, | 415 36 | |
| | | 18,560 68 |
| Clothing and materials:— | | |
| Boots, shoes and rubbers, | \$1,518 79 | |
| Clothing, | 2,086 80 | |
| Dry goods for clothing and small wares, | 59 62 | |
| Hats and caps, | 56 15 | |
| Leather and shoe findings, | 107 75 | |
| Sundries, | 7 28 | |
| | | 3,836 39 |
| Furnishings:— | | |
| Beds, bedding, table linen, etc., | \$2,312 31 | |
| Brushes, brooms, | 145 49 | |
| Carpets, rugs, etc., | 613 84 | |
| Crockery, glassware, cutlery, etc., | 466 64 | |
| Furniture and upholstery, | 1,220 52 | |
| Kitchen furnishings, | 767 24 | |
| Wooden ware, buckets, pails, etc., | 157 15 | |
| Sundries, | 639 04 | |
| | | 6,322 23 |
| Heat, light and power:— | | |
| Coal, | \$5,577 75 | |
| Freight on coal, | 1,385 21 | |
| Electricity, | 612 55 | |
| Oil, | 277 60 | |
| Sundries, | 525 45 | |
| | | 8,378 56 |
| Repairs and improvements:— | | |
| Cement, lime and plaster, | \$379 06 | |
| Doors, sashes, etc., | 143 65 | |
| Electrical work and supplies, | 557 27 | |
| Hardware, | 1,042 47 | |
| Lumber, | 658 27 | |
| Machines (detached), | 200 00 | |
| Paints, oil, glass, etc., | 810 14 | |
| Plumbing, steam fitting and supplies, | 389 76 | |
| Roofing and materials, | 13 75 | |
| Sundries, | 1,111 75 | |
| | | 5,306 12 |
| Farm, stable and grounds:— | | |
| Blacksmith and supplies, | \$225 50 | |
| Carriages, wagons, etc., and repairs, | 2,639 30 | |
| Fertilizers, vines, seeds, etc., | 1,376 70 | |
| Hay, grain, etc., | 1,702 51 | |
| Harnesses and repairs, | 238 56 | |
| Horses, | 162 50 | |
| Cows, | 1,110 00 | |
| Tools, farm machines, etc., | 95 02 | |
| Sundries, | 1,546 00 | |
| | | 9,096 09 |
| Religious services, | | 514 05 |
| <i>Amount carried forward,</i> | | \$80,902 25 |

Amount brought forward, \$80,902 25

Miscellaneous:—

| | |
|---|----------|
| Books, periodicals, etc., | \$270 36 |
| Cuspidor supplies, | 17 64 |
| Entertainments, | 295 75 |
| Freight, expressage and transportation, | 940 22 |
| Gratuities, | 401 27 |
| Hose, etc., | 112 70 |
| Ice, | 91 98 |
| Medicines and hospital supplies, | 832 02 |
| Postage, | 166 44 |
| Printing and printing supplies, | 440 89 |
| Soap and laundry supplies, | 494 89 |
| Stationery and office supplies, | 806 57 |
| Travel and expenses (officials), | 369 94 |
| Telephone and telegraph, | 323 95 |
| Tobacco, | 654 89 |
| Out-patient department, | 1,387 00 |
| Sundries, | 1,200 86 |
| | <hr/> |
| | 8,807 37 |

Total expenses for maintenance, \$89,709 62

SPECIAL APPROPRIATIONS.

| | |
|---|--------------|
| Balance Dec. 1, 1913, | \$115,726 12 |
| Appropriations for fiscal year, | 37,400 00 |
| | <hr/> |
| Total, | \$153,126 12 |
| Expended during the year (see statement annexed), | 128,855 18 |
| | <hr/> |
| Balance Nov. 30, 1914, | \$24,270 94 |

RESOURCES AND LIABILITIES.

Resources.

| | |
|---|----------|
| Cash on hand, | \$336 30 |
| November cash vouchers (paid from advance money), account of maintenance, | 4,330 48 |
| Due from treasury of Commonwealth, account of November, 1914, schedule, | 2,061 48 |
| | <hr/> |
| | 6,728 26 |

Liabilities.

| | |
|---------------------------------------|------------|
| Schedule of November bills, | \$6,728 26 |
|---------------------------------------|------------|

PER CAPITA.

During the year the average number of inmates has been 146.52.

Total cost for maintenance, \$89,709.62.

Equal to a weekly per capita cost of \$11.7744.

Receipt from sales, \$143.18.

Equal to a weekly per capita of \$0.0188.

All other institution receipts, \$619.27.

Equal to a weekly per capita of \$0.0812.

Special Appropriations.

| OBJECT. | Act or Resolve. | Whole Amount. | Expended during Fiscal Year. | Expended to Date. | Balance at End of Year. |
|--|---------------------------|---------------|------------------------------|-------------------|-------------------------|
| Land purchase, | Acts 1910, chap. 635, . . | \$50,000 00 | \$85 00 | \$49,741 47 | \$258 53 |
| Administration building, | Acts 1912, chap. 124, . . | 28,000 00 | 8,292 26 | 28,000 00 | — |
| Hospital building, | Acts 1912, chap. 124, . . | 15,000 00 | 5,113 52 | 15,000 00 | — |
| Light and power plant, | Acts 1912, chap. 124, . . | 15,000 00 | 9,640 03 | 15,000 00 | — |
| Sewer and water construction, | Acts 1912, chap. 124, . . | 4,000 00 | 60 43 | 4,000 00 | — |
| Superintendent's house, | Acts 1912, chap. 124, . . | 7,000 00 | 2,020 41 | 7,000 00 | — |
| Laundry, | Acts 1912, chap. 124, . . | 10,000 00 | 5,217 10 | 10,000 00 | — |
| Cottages, | Acts 1912, chap. 124, . . | 36,000 00 | 6,351 60 | 36,000 00 | — |
| Cottage for hospital patients, | Acts 1913, chap. 133, . . | 8,000 00 | 7,770 53 ¹ | 7,849 09 | 150 91 |
| Farm buildings, | Acts 1913, chap. 133, . . | 18,000 00 | 17,753 94 | 18,000 00 | — |
| Hospital building, | Acts 1913, chap. 133, . . | 20,000 00 | 19,290 78 | 19,854 56 | 145 44 |
| Industrial building, | Acts 1913, chap. 133, . . | 8,000 00 | 4,687 40 | 7,797 56 | 202 44 |
| Service building, | Acts 1913, chap. 133, . . | 29,000 00 | 23,279 84 | 28,846 10 | 153 90 |
| Spur track, | Acts 1913, chap. 133, . . | 2,000 00 | 1,276 19 | 1,337 14 | 662 86 |
| Storage water tank, | Acts 1913, chap. 133, . . | 4,000 00 | 3,333 01 | 4,000 00 | — |
| Church building, | Res. 1914, chap. 142, . . | 18,000 00 | 5,829 18 ² | 5,829 18 | 12,170 82 |
| Boiler house and equipment, | Res. 1914, chap. 142, . . | 4,000 00 | 327 84 | 327 84 | 3,672 16 |
| Outside wiring, | Res. 1914, chap. 142, . . | 10,000 00 | 4,587 75 ³ | 4,587 75 | 5,412 25 |
| Sewer and water construction, | Res. 1914, chap. 142, . . | 2,900 00 | 1,497 41 | 1,497 41 | 1,402 59 |
| | Res. 1914, chap. 142, . . | 2,500 00 | 2,460 96 | 2,460 96 | 39 04 |
| | | \$291,400 00 | \$128,855 18 | \$267,129 06 | \$24,270 94 |

¹ Includes \$203.19 paid direct by State Treasurer.² Includes \$505.62 paid direct by State Treasurer.³ Includes \$282.03 paid direct by State Treasurer.

Respectfully submitted,

IRWIN H. NEFF,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

Assistant Supervisor of Accounts.

STATISTICAL TABLES.

[FORM PRESCRIBED BY THE STATE BOARD OF CHARITY.]

GENERAL STATISTICS.

TABLE NO. 1. — *General Statistics for Year.*

| | |
|---|-----|
| Patients in hospital June 1, 1914 (transferred cases from Fox- | |
| borough State Hospital), | 187 |
| Admissions within the year, | 557 |
| By commitment, | 107 |
| Voluntary, | 450 |
| By return from leave of absence of previous years, | — |
| By return from escape of previous years, | — |
| By return from visit of previous years, | — |
| Whole number of cases within the year, | 744 |
| Final discharges within the year, | 104 |
| By death while in hospital, | — |
| As insane, | — |
| By time limit while in hospital, | 1 |
| By time limit while on leave of absence, | — |
| By time limit escaped, | — |
| "As not to be benefited by further treatment" while in | |
| hospital, | 96 |
| "As not to be benefited by further treatment" while on | |
| leave of absence, | 5 |
| "As not to be benefited by further treatment" while on | |
| visit, | 2 |
| "As not to be benefited by further treatment" while on | |
| escape, | — |
| Expiration of visit, | — |
| Deported, | — |
| Transferred, | — |
| Patients absent, not finally discharged, dismissed in 1914, | 410 |
| Leave of absence, | 94 |
| Escaped, | — |
| Visit, | 316 |
| Patients absent, not finally discharged, dismissed in previous years, | — |
| Leave of absence, | — |
| Escape, | — |

TABLE No. 1. — *General Statistics for Year* — Concluded.

| | | | | | |
|--|---|---|---|---|--------|
| Patients remaining in hospital Dec. 1, 1914, | . | . | . | . | 230 |
| Viz.: State patients, . | . | . | . | . | 228 |
| Private patients, . | . | . | . | . | 2 |
| Reimbursing patients, . | . | . | . | . | — |
| Number of different persons admitted, | . | . | . | . | 549 |
| Number of different persons dismissed, | . | . | . | . | 510 |
| Daily average number of patients, . | . | . | . | . | — |
| Viz.: State patients, . | . | . | . | . | 191.38 |
| Private patients, . . | . | . | . | . | 2.92 |
| Reimbursing patients, . | . | . | . | . | — |

TABLE No. 2. — *Monthly Admissions, Discharges and Averages.*

| | ADMISSIONS. | | | | | | | | | | DISCHARGES. | | | | | | Daily Average of Patients in Hospital. | | | |
|--|--------------|------------|---|---|---|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------|-------------|---------|-------------|-----------|--------------|--|-------------------|---------|--------|
| | Commitments. | Voluntary. | Returns from Leave of Absence of 1911-12. | Returns from Leave of Absence of 1912-13. | Returns from Leave of Absence of 1913-14. | Returns from Visit of 1912-13. | Returns from Visit of 1913-14. | Returns from Escape of 1911-12. | Returns from Escape of 1912-13. | Returns from Escape of 1913-14. | Totals. | FINAL. | | | | CONDITIONAL. | | | | |
| | | | | | | | | | | | | Time Limit. | Insane. | Unsuitable. | Deported. | Death. | | Leave of Absence. | Escape. | Visit. |
| 1914. | | | | | | | | | | | | | | | | | | | | |
| June, | 18 | 69 | | | | | 1 | | | | 88 | | | 2 | | 30 | | 67 | 97 | 180.53 |
| July, | 17 | 88 | | | 2 | | 2 | | | | 109 | | | 21 | | 16 | | 58 | 74 | 182.65 |
| August, | 15 | 65 | | | | | 4 | | | | 85 | | | 28 | | 12 | | 53 | 65 | 189.42 |
| September, | 23 | 75 | | | 2 | | 8 | | | | 108 | | | 14 | | 24 | | 53 | 77 | 186.40 |
| October, | 15 | 77 | | | 2 | | 9 | | | | 105 | | | 22 | | 9 | | 68 | 77 | 200.81 |
| November, | 19 | 76 | | | 2 | | 12 | | | | 109 | | | 9 | | 19 | | 55 | 74 | 217.01 |
| Total of admissions, | 107 | 450 | | | 11 | | 36 | | | | 604 | | | | | | | | | |
| Total of persons, | 549 | | | | 11 | | 35 | | | | 549 | | | | | | | | | |
| Total returns from leave of absence, escapes and visits within the year, | | | | | 11 | | 36 | | | | 47 | | | | | | | | | |
| Total of persons, etc., | | | | | 11 | | 35 | | | | 46 | | | | | | | | 97 | |
| Total of final discharges, | | | | | | | | | | | | 1 | 96 | | | | | 354 | 464 | |
| Total of persons finally discharged, | | | | | | | | | | | | 1 | 96 | | | 110 | | 340 | 444 | |
| Total of conditional discharges, | | | | | | | | | | | | | | | | 104 | | | | |
| Total of persons conditionally discharged, | | | | | | | | | | | | | | | | 94 | | 316 | 410 | |
| Remaining away, | | | | | | | | | | | | | | | | | | | | |

TABLE NO. 3. — *Received on First and Subsequent Commitments.*

| | |
|-----------------------------|-----|
| First, | 550 |
| Second, | 7 |
| Total of cases, | 557 |
| Total of persons, | 549 |

TABLE NO. 4. — *Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|-------------------------------------|----------|---------|---------|
| Massachusetts, | 371 | 106 | 97 |
| Other New England States, | 39 | 45 | 42 |
| Other States, | 33 | 36 | 32 |
| Total native, | 443 | 187 | 171 |
| Ireland, | 53 | 253 | 275 |
| Canada, | 29 | 63 | 49 |
| England, | 11 | 17 | 20 |
| Germany, | 1 | 6 | 5 |
| Scotland, | 5 | 9 | 11 |
| Norway, | 1 | 1 | 2 |
| Russia, | 1 | 5 | 6 |
| Unknown, | — | 2 | 3 |
| Sweden, | 4 | 4 | 4 |
| Austria, | 1 | 1 | 1 |
| Italy, | — | 1 | 1 |
| Denmark, | 1 | 1 | 1 |
| Wales, | — | — | 1 |
| Total foreign, | 107 | 363 | 379 |
| Totals, | 550 | 550 | 550 |

TABLE NO. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 307 |
| Essex County, | 41 |
| Bristol County, | 18 |
| Middlesex County, | 56 |
| Plymouth County, | 30 |
| Worcester County, | 29 |
| Norfolk County, | 23 |
| Hampden County, | 34 |
| Franklin County, | 1 |
| Hampshire County, | 7 |
| Berkshire County, | 4 |
| Total, | 550 |
| Cities and large towns over 10,000, | 493 |
| Country districts under 10,000, | 57 |

TABLE NO. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Unmarried. | Married. | Widowers. | Divorced. | Total. |
|------------------------|------------|----------|-----------|-----------|--------|
| First, | 348 | 173 | 16 | 13 | 550 |
| Total cases, | 348 | 173 | 16 | 13 | 550 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|----------------------|------------|------------|--------|---------------------------|------------|------------|--------|
| Amesbury, . . . | 1 | — | 1 | Medway, . . . | — | 1 | 1 |
| Attleboro, . . . | 1 | — | 1 | Milford, . . . | 1 | 4 | 5 |
| Arlington, . . . | — | 1 | 1 | Natick, . . . | 5 | — | 5 |
| Beachmont, . . . | 1 | — | 1 | Newton, . . . | — | 1 | 1 |
| Beverly, . . . | 2 | 2 | 4 | North Adams, . . . | — | 2 | 2 |
| Boston, . . . | 273 | 20 | 293 | North Attleborough, . . . | 7 | — | 7 |
| Braintree, . . . | 1 | — | 1 | Norfolk, . . . | 1 | — | 1 |
| Bridgewater, . . . | 3 | — | 3 | Northampton, . . . | 2 | — | 2 |
| Brockton, . . . | 23 | 2 | 25 | Norwood, . . . | 1 | — | 1 |
| Brookline, . . . | 5 | 1 | 6 | Orange, . . . | 1 | — | 1 |
| Cambridge, . . . | 11 | 9 | 20 | Peabody, . . . | — | 1 | 1 |
| Chelsea, . . . | 4 | 4 | 8 | Pittsfield, . . . | 1 | — | 1 |
| Chicopee, . . . | 1 | — | 1 | Quincy, . . . | 4 | — | 4 |
| Concord, . . . | 1 | 1 | 2 | Randolph, . . . | 1 | — | 1 |
| Danvers, . . . | 1 | 1 | 2 | Reading, . . . | 1 | — | 1 |
| Dedham, . . . | 1 | — | 1 | Revere, . . . | 2 | 1 | 3 |
| Dracut, . . . | 1 | — | 1 | Salem, . . . | 1 | 13 | 14 |
| East Weymouth, . . . | 2 | — | 2 | Scituate, . . . | — | 1 | 1 |
| Essex, . . . | — | 1 | 1 | Somerville, . . . | 9 | 1 | 10 |
| Fall River, . . . | — | 4 | 4 | Spencer, . . . | — | 1 | 1 |
| Fitchburg, . . . | 3 | — | 3 | Springfield, . . . | 24 | 1 | 25 |
| Foxborough, . . . | 1 | — | 1 | Swampscott, . . . | 1 | — | 1 |
| Franklin, . . . | 1 | — | 1 | Taunton, . . . | 2 | 4 | 6 |
| Gloucester, . . . | 1 | 2 | 3 | Walpole, . . . | 2 | — | 2 |
| Haverhill, . . . | 4 | — | 4 | Waltham, . . . | — | 2 | 2 |
| Hinsdale, . . . | 1 | — | 1 | Ware, . . . | 1 | 5 | 6 |
| Holliston, . . . | — | 1 | 1 | Watertown, . . . | 1 | — | 1 |
| Holyoke, . . . | 7 | — | 7 | Webster, . . . | — | 3 | 3 |
| Lawrence, . . . | 1 | — | 1 | Wellesley, . . . | 2 | — | 2 |
| Leominster, . . . | 3 | — | 3 | Westborough, . . . | 1 | 2 | 3 |
| Lincoln, . . . | — | 1 | 1 | Weston, . . . | — | 1 | 1 |
| Lowell, . . . | 3 | 2 | 5 | Whitman, . . . | — | 1 | 1 |
| Lunenburg, . . . | 1 | — | 1 | Woburn, . . . | — | 1 | 1 |
| Lynn, . . . | 8 | — | 8 | Worcester, . . . | 10 | — | 10 |
| Malden, . . . | 3 | — | 3 | | | | |
| Manchester, . . . | — | 1 | 1 | Totals, . . . | 451 | 99 | 550 |
| Marlborough, . . . | 1 | — | 1 | | | | |

TABLE No. 8. — *Occupations of Persons first committed.*

| | | | |
|--------------------------------|----|--------------------------------|----|
| Actors, | 3 | Foremen, | 4 |
| Bakers, | 2 | Forester, | 1 |
| Barbers, | 10 | Gardeners, | 4 |
| Bartenders, | 7 | Gas fitters, | 3 |
| Bell boy, | 1 | Glazier, | 1 |
| Blacksmiths, | 8 | Grocers, | 2 |
| Bleacher, | 1 | Hostler, | 1 |
| Bookbinders, | 5 | Housemen, | 3 |
| Bookkeeper, | 1 | Ink maker, | 1 |
| Box maker, | 1 | Inspector, | 1 |
| Brakemen, | 2 | Insurance agent, | 1 |
| Bricklayers, | 3 | Iron workers, | 6 |
| Broker, | 1 | Janitors, | 6 |
| Buffer, | 1 | Jewelers, | 9 |
| Butchers, | 2 | Laundryman, | 1 |
| Caretaker, | 1 | Laborers, | 34 |
| Carpenters, | 16 | Lawyers, | 2 |
| Carriage maker, | 1 | Leather workers, | 4 |
| Carriage washer, | 1 | Letter carriers, | 2 |
| Chauffeurs, | 2 | Linemen, | 2 |
| Chemists, | 1 | Linotype operator, | 1 |
| Cigar maker, | 1 | Machinists, | 15 |
| Clam digger, | 1 | Mallet maker, | 1 |
| Clerks, | 31 | Marble cutter, | 1 |
| Concrete finisher, | 1 | Marble setter, | 1 |
| Conductors, | 2 | Mason, | 1 |
| Confectioner, | 1 | Mattress maker, | 1 |
| Cooks, | 9 | Meat cutter, | 1 |
| Cooper, | 1 | Mechanics, | 2 |
| Core maker, | 1 | Mechanical engineer, | 1 |
| Currier, | 1 | Meter tester, | 1 |
| Cutter (clothing), | 2 | Metal polisher, | 1 |
| Dentists, | 4 | Morocco dresser, | 1 |
| Designer, | 1 | Moulders, | 5 |
| Druggists, | 4 | Musicians, | 4 |
| Electrical engineer, | 1 | News dealers, | 2 |
| Elevator men, | 2 | None, | 9 |
| Farmers, | 5 | Operatives (mill), | 9 |
| Firemen, | 7 | Packer, | 1 |
| Florist, | 1 | Painters, | 31 |
| Food checker, | 1 | Paper cutter, | 1 |

TABLE NO. 8. — *Occupations of Persons first committed* — Concluded.

| | | | |
|-------------------------------|----|--------------------------------|-----|
| Paper maker, | 1 | Sign painters, | 2 |
| Peddlers, | 5 | Silver polisher, | 1 |
| Pharmacist, | 1 | Stableman, | 1 |
| Piano polishers, | 2 | Stage hands, | 2 |
| Piano tuner, | 1 | Steam fitters, | 13 |
| Pipe liners, | 2 | Stenographers, | 2 |
| Plasterers, | 3 | Straw worker, | 1 |
| Plumbers, | 6 | Teamsters, | 38 |
| Porters, | 3 | Timekeeper, | 1 |
| Post master, | 1 | Tool maker, | 1 |
| Pressmen, | 3 | Traveling agent, | 1 |
| Printers, | 10 | Undertaker, | 1 |
| Provision dealer, | 1 | Veterinary surgeons, | 2 |
| Reporters, | 3 | Waiters, | 20 |
| Roofers, | 3 | Watchmen, | 3 |
| Rubber workers, | 2 | Weavers, | 2 |
| Sailors, | 2 | Wire worker, | 1 |
| Salesmen, | 31 | Wood dealer, | 1 |
| Shade maker, | 1 | Wool sorters, | 2 |
| Sheet metal worker, | 1 | | |
| Shoe cutters, | 8 | Total, | 550 |
| Shoe makers, | 40 | | |

TABLE No. 9. — *Ages at first Attack, Admission and Death.*

| AGES. | FIRST COMMITTED. | | DIED. | |
|------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | 2 | — | — | — |
| From 15 to 20 years, | 209 | 10 | — | — |
| 20 to 35 years, | 242 | 54 | — | — |
| 25 to 30 years, | 65 | 82 | — | — |
| 30 to 35 years, | 14 | 118 | — | — |
| 35 to 40 years, | 12 | 97 | — | — |
| 40 to 45 years, | 6 | 76 | — | — |
| 45 to 50 years, | — | 61 | — | — |
| 50 to 55 years, | — | 33 | — | — |
| 55 to 60 years, | — | 13 | — | — |
| 60 to 70 years, | — | 5 | — | — |
| 70 to 80 years, | — | 1 | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 550 | 550 | — | — |
| Average ages, | 21.98 | 37.51 | — | — |

TABLE No. 10. — *Probable Duration of Inebriety before Admission in Persons first admitted.*

| | |
|--|-------|
| Under 1 year, | 4 |
| From 1 to 2 years, | 5 |
| 2 to 3 years, | 26 |
| 3 to 4 years, | 12 |
| 4 to 5 years, | 20 |
| 5 to 6 years, | 32 |
| 6 to 7 years, | 17 |
| 7 to 8 years, | 13 |
| 8 to 9 years, | 19 |
| 9 to 10 years, | 27 |
| 10 to 15 years, | 140 |
| 15 to 20 years, | 108 |
| Over 20 years, | 127 |
| Total, | 550 |
| Average known duration (in years), | 12.94 |

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Public Document

No. 106

Mass Norfolk State Hos
SECOND ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORFOLK STATE HOSPITAL,

FOR THE YEAR ENDING NOVEMBER 30, 1915.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
32 DERNE STREET.

1916.

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cont
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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

W. RODMAN PEABODY, *Chairman.*
FRANK L. LOCKE, *Secretary.*
ROBERT A. WOODS.
EDWIN MULREADY.
PHILIP R. ALLEN.
JAMES J. PHELAN.
OTHO L. SCHOFIELD, M.D.

RESIDENT OFFICERS.

IRWIN H. NEFF, M.D., *Superintendent.*
FRANK H. CARLISLE, M.D., *Assistant Superintendent.*
FREDERICK P. MOORE, M.D., *Assistant Physician.*

SOLOMON H. RUBIN, M.D., *Acting Physician to Out-
patient Department.*
THOMAS F. FOSS, *Assistant to Out-patient
Department.*

NELSON CROSSKILL, *Steward.*

The Commonwealth of Massachusetts

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

The trustees of the Norfolk State Hospital have the honor to present herewith their second annual report.

The hospital was opened on June 1, 1914, and at that time all the inebriate patients at the Foxborough State Hospital were transferred to the Norfolk State Hospital; therefore the last report of the trustees covered but six months of active service. In the present report we have been able for the first time to give figures based upon operations during a full fiscal year. These figures, however, provide no standard by which either the efficiency of the hospital from a medical point of view or the true cost of its maintenance can be judged. The hospital is still far from finished. Buildings and appurtenances which will cost \$93,500 are now in the course of construction, and a further appropriation for construction of \$54,500 is necessary in the near future. The institution was planned to be a hospital unit which should furnish 500 beds, and the administrative and service departments are adequate to care for this number of patients. The original appropriations for dormitories, however, were sufficient to accommodate only 250 patients. The result has been that thus far the overhead maintenance expenses have been disproportionately heavy and the opportunity for appropriate segregation of different classes of patients has been lacking. When the cottages which are now being built are finished there will be beds available for 400 patients. This will make it possible to separate the drug users from the alcoholic cases, and to protect the younger alcoholics from the dangers of constant association with the chronic and confirmed

cases. At the same time the per capita cost will decrease materially. With an average of 232.66 patients at the hospital during the year 1915, the weekly per capita cost has been \$10.88. We have estimated that with an average of 350 patients during 1916, the weekly per capita cost, deducting the expense of the out-patient department, will not exceed \$7.25. If the hospital unit could be completed along the lines which were originally laid out, and our request for an appropriation sufficient to build a dormitory for 100 men were granted, we are satisfied that the weekly cost per patient would be decreased to approximately \$5.95.

The need of such a dormitory for confirmed inebriates is immediate, for under the existing conditions the hospital is wholly unable to meet the demands made upon it. In spite of the fact that beds have been placed in all available corners, many cases which are committed by the courts have to be discharged earlier than would otherwise be advisable because we have accommodations for only the most urgent cases. A waiting list has been established for admission to the drug ward; voluntary cases which we should be glad to receive and believe we could help must be declined. Until a new dormitory is constructed and the hospital unit completed, it will be impossible for the institution to give the services to which the Commonwealth is entitled.

In spite of the handicaps necessarily associated with the inauguration of a new institution, the results which have been obtained are encouraging; the proportion of patients who have been materially improved by treatment at the hospital steadily increases. Including those patients who were cared for at the Foxborough hospital, a total of 4,051 patients have been received and cared for since April, 1909. The out-patient department has followed up these men after they have left the hospital, but not unnaturally many change their addresses or in other ways pass out of our supervision. The report of the superintendent shows that of these 4,051 cases, 153 have died, 49 are insane and 1,738 have moved from their last recorded address. Of the remaining 2,111 of whom we have present knowledge, the report of the out-patient physician, filed Dec. 1, 1915, and verified to Jan. 1, 1916, shows that 944 were then

abstinent, 235 were improved, drinking some, but working and earning their living, and 932 were unimproved and not permanently benefited by hospital treatment. A large number of former patients who were reported as unimproved were persons who were committed to the hospital by courts, and who had been addicted to liquor for so many years or were of such a low grade of intelligence that the hopelessness of assisting them was recognized by our medical officers as soon as the patients were brought to the hospital. Such men are discharged at the earliest practicable moment to make room for more hopeful cases, but they must be counted, like the hopeful voluntary cases, in the tables of statistics.

During the past year we have been deeply impressed with the value of the out-patient department. The work of the Boston office increases annually. Voluntary patients from the metropolitan district are examined at this office before they are admitted to the hospital. Patients on leave of absence from the hospital report there at stated intervals. Families and friends of patients come for medical advice or friendly counsel. More and more the guidance and co-operation of the department is sought by the courts, general hospitals and charitable societies. As the range of its activities increases, the work required of it grows.

During the past year 2,852 visits were made by the out-patient department officers at the homes of former patients, and 1,484 visits were made by patients to the offices. Incidentally, the release of patients to the care of the out-patient department often shortens the term during which patients must reside at the hospital. This permits the accommodation of a larger number of persons by the hospital than was formerly possible, and consequently gives an opportunity for wider service at but little added cost.

In April, 1915, an out-patient office was opened in Springfield, and it is now in active co-operation with the courts, probation officers and charitable societies in the western part of the State. We believe that the establishment of other out-patient offices in other cities will be advisable. From our experience in Springfield we believe that such offices will place no additional net charge upon the Commonwealth, for the cost of

maintenance should be at least equaled by the saving effected through the examination of prospective patients near their homes, and the immediate rejection of such men as by reason of their criminal records, degeneracy or grossly confirmed habits cannot be benefited by residence at the hospital, and must, if sent to the hospital, be promptly returned again to their homes.

The problems arising from these mentally defective persons who are addicted to alcohol and drugs is constantly before us. The evidence obtained from systematic examinations of alcoholic and drug patients during the past five years has satisfied our superintendent that at least 20 per cent. of the younger men who come to the hospital are members of a class in whom drinking or drug taking is but a manifestation of their mental condition. Such youths belong, not in a hospital for inebriates, but in a home for feeble-minded or in a distinctive reformatory. They are a danger to the community, not so much because they drink as because they lack the intelligence to refrain from any passion to which they may be subject, or to break any habit which they may form. Medical advisors are unanimous in telling us that their descendants will be a burden upon the Commonwealth, yet we are forced to release them from the hospital, unimproved, and a menace to society.

We have long believed that the financial statement of the hospital as presented to the Auditor and the Legislature was incomplete because it has shown only the gross cost of maintenance. It has not shown the sum which the hospital has saved through the labor of patients. During the past year the superintendent has kept a special account which shows the financial value of all labor furnished by patients. It includes both indoor and outdoor labor, but it is interesting chiefly as showing the value of the work performed by patients in construction, forestry, landscape work, road making, grading, painting, carpentering, farming and inside work. Where the true value of any piece of work was in doubt, estimates were checked by bids of contractors for similar work.

From this account it appears that throughout the year a daily average of about 150 patients were engaged upon work of a constructive character. The value of this labor was approximately \$30,756.89, and about \$900 worth of lumber was cut

from the hospital lands and utilized, making a total value of \$31,656.89. The same work with outside labor would have cost the hospital approximately \$36,500. It therefore follows that the sum of \$131,635.38, which was appropriated by the Legislature for the maintenance of the hospital during 1915, not only carried the hospital through the year, but left the plant physically improved by more than \$31,000.

The hospital as now constructed on the 1,100 acres owned by the Commonwealth, consists of one colony of six cottages including a central kitchen, dining and assembly room, two admission wards, one hospital cottage, administration building, superintendent's residence, three service buildings and an industrial shop.

Three buildings which were on the land when the original purchase was made have been reconstructed and are used for the housing of patients and employees.

There is now being built a second colony group consisting of five cottages and a combination dining room and kitchen building. When these buildings are completed the hospital will have two distinct colonies of six cottages in each group, so constructed as to carry out a community plan for the respective groups. The two colonies will accommodate a maximum number of 400 patients.

A year ago the Board recommended that an appropriation be granted for a cottage for women. We recommend this appropriation again, and do so not only for the reasons that appear in our last report, but because by the terms of chapter 73 of the General Acts of 1915 certain courts of the Commonwealth have been authorized to commit women inebriates to the Norfolk State Hospital. We have notified these courts that such commitments would be useless because we have no accommodations for women patients, but if the policy of the Commonwealth is expressed by this statute, it would seem that some provision should be made by the Legislature which will permit the provisions of the statute to become effective.

The following appropriations are required for the hospital, and we recommend that the Legislature appropriate the sums hereinafter set forth. If these appropriations are granted the hospital will be able to care for a maximum number of 500

male patients, with employees, for which the original plans called. The appropriation for the dormitory building was asked for last year. This building, which is planned to be erected near the Oval group of cottages, will be built of brick made by hospital patients. The building will accommodate 100 men. The appropriation requested allows for the complete equipment of the building. The appropriation for a barn and building for vehicle storage was asked for last year. This building will be situated near the power house at the administrative group, and will be constructed of brick made by hospital patients. The building will be constructed by hospital labor, and the appropriation requested is for material and equipment. The building will furnish stabling for five horses, together with the necessary storage room for vehicles. The amount asked for outside wiring provides for equipment to complete the wiring to the buildings for which appropriations are requested, and also allows for extensions to the farm headquarters and barn. The work will be done by hospital labor.

| | |
|--|-------------|
| A dormitory building and equipment for 100 men, . . . | \$36,000 00 |
| One cottage and equipment for women, with a maximum capacity for 30, | 14,000 00 |
| Building for barn and vehicle storage, and equipment, . . . | 4,000 00 |
| Outside wiring, | 500 00 |
| <hr/> | |
| Total, | \$54,500 00 |

During the past year, greatly to our regret, Dr. William H. Prescott resigned from the Board. Dr. Otho L. Schofield of Wellesley was appointed by the Governor in his place.

W. RODMAN PEABODY.
 FRANK L. LOCKE.
 ROBERT A. WOODS.
 EDWIN MULREADY.
 JAMES J. PHELAN.
 PHILIP R. ALLEN.
 OTHO L. SCHOFIELD, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

The following figures refer to the changes in the population of the hospital for the fiscal year beginning Dec. 1, 1914, and ending Nov. 30, 1915. At the beginning of the fiscal year there were 230 patients in the hospital. Since that time 1,228 cases have been admitted. Of this number, 997, or 81 per cent., were voluntary, and 231, or 19 per cent., were committed. One hundred and ten, or 9 per cent. of the total number of cases admitted, were under court probation or suspended sentence for habitual drunkenness. One hundred and nine of these men were admitted as voluntary cases, their admission to the hospital being one of the conditions of their probation. Nine hundred and seventeen, or 75 per cent. of the admissions for the year, were alcoholic, and 311, or 25 per cent., were drug inebriates. Of the total number, 912, or 74 per cent., were new admissions, — men who had not previously been under treatment at the hospital. Five hundred and forty-three, or 44 per cent. of the total number of admissions, gave a history of one or more arrests for drunkenness; 114, or 9 per cent., had served one or more sentences in a penal institution for drunkenness; 68, or 6 per cent., had been in other public or private institutions for treatment for inebriety or alcoholism. During the year 251 cases were returned from visit and leave of absence. The total number under treatment during the year was 1,795. A comparison for a six months' period with the six months' period of last year from June 1 to November 30 shows an increase of 243. During the year 9 cases of alcoholic delirium were treated at the hospital. Nine cases of insanity, of which alcohol was a direct or indirect cause, were transferred to hospitals for the insane.

During the year 1,454 patients were discharged from the hospital, which includes 4 deaths. The patients have been singularly free from endemic or infectious diseases, and the general health of the men has been excellent.

Three hundred and seventy-six men were received as "observation" cases. A total number of twelve hundred and eight days' board was furnished them. Sixty-seven of these cases were eventually admitted as voluntary patients. Many of them applied at the out-patient department for treatment in a deplorable mental and physical condition, and pending their recovery from the immediate effects of alcoholism they were, in the interests of humanity, sent to the hospital for emergency treatment.

TYPE AND AGE OF PATIENTS.

The number of beds at our disposal — 250 — has been insufficient to care for the number of cases which have applied for treatment. The completion of the cottages which are now being built will enable us to carry out successfully the purposes of segregation as originally planned. Forty-six per cent. of the new cases admitted were thirty-five years of age or less. It was generally supposed that this was the age of predilection. Increased experience with men of more mature age, *i.e.*, after the age of forty, has developed some happy surprises. The following deduction is justifiable: the probable benefit which can come from institutional or extrainstitutional treatment for drunkenness depends, not on the age of the individual, but first, on the time that the individual has been addicted to the habit of habitual drunkenness, and secondly, on the mental condition of the patient, which necessarily includes his personal attitude toward his individual case. A considerable number of young cases may be really cases of defective delinquency, in which the drug taking or drunkenness is incidental to the defect; especially has this proven to be so in some of our cases of drug addiction under the age of twenty-five. It therefore can be truly said that the benefit which may come from treatment for inebriety can only be determined after a careful medical and social survey of each case.

The character of the committed case is obviously below the mental and physical standard of the voluntary case. Many of these men are decidedly advanced in age, of a more chronic type, and with physical disability which may or may not be related to alcoholism. Some of them are permanently handicapped physically, others are mentally infirm. It is of course

impossible to disregard a court commitment, and it is our policy to admit such cases for temporary care, and after communication with the court and relatives to arrange for their discharge from the hospital. During the past three months, owing to the fact that most of the courts and probation officers have by letter and personal communication been notified of our inability to care for such cases, there has been a noticeable improvement in the type of the committed case.

There can be no question that the hospital should be able to care for all types of alcoholism. We should be prepared to give emergency treatment as well as more protracted care. When the buildings now being erected are completed it will be possible in this way to extend the scope of the hospital. The type of the voluntary case has shown considerable improvement. It is quite noticeable that an increased number of men of a better type have applied for voluntary admission during the past six months.

DRUG PATIENTS.

The enforcement of the Harrison Federal law, active March 1, 1915, and the requirements of the State drug law (effective Jan. 1, 1915) have caused a marked increase in the number of drug cases applying for treatment. During March, 1915, and for the succeeding three months 138 drug habitués applied at the out-patient departments for admission to the hospital; in addition to this number 10 cases were committed by the courts or sent by probation officers. Of the total number of drug cases admitted, 20 were under probation or suspended sentence. Approximately 50 per cent. of these cases were emergency cases, and as rapidly as possible these men were given emergency hospital treatment. Unquestionably this prohibitory legislation has had a psychologic effect which may or may not be enduring; in other words, the enactment of the laws, by calling the attention of the drug user to his weakness, has induced a certain percentage of them to voluntarily seek treatment, thus bringing into prominence the individual drug case. A number of young drug habitués applying for treatment appear to be cases of defective delinquency and are predestined to failure. We have also found that a percentage of cases applying for treatment have proven to be criminals, the criminal

instinct antedating the drug habituation. The hospital with its present number of beds is able to care for 25 drug cases at one time. A waiting list is kept on file and new patients are admitted as rapidly as vacancies occur. The fact that 311 drug cases have been treated during the past year is conclusive proof of our efforts to benefit these men.

OUT-PATIENT DEPARTMENT.

In April, 1915, an additional out-patient office was opened in Springfield. Its success was immediate, and an increasing number of patients are now applying at the office for advice and treatment. It is quite noticeable that the patients admitted from the western part of the State are as a rule of a more hopeful class; the great majority of these men have homes, trades and families to return to after their hospital treatment. These conditions exist to a great extent in all rural or semi-rural districts. As the area covered by the out-patient department is extended, more of these cases will undoubtedly be observed. The hospital now has two central offices serving distinct (eastern and western) parts of the State. An imaginary line has been drawn and records of the respective parts of the State are kept separately, so that a comparison of the results may be obtained. The Boston office is open every day of the week excepting Sunday. The Springfield office is open two days during the week. Heretofore, as conditions have warranted, visits have been made to the different parts of the State at definite times. A request for an increased appropriation has been incorporated in the maintenance budget which will permit us to have these out-patient visits made in representative localities at specified times. Thus far our efforts to secure subsidiary offices have met with considerable enthusiasm, and it is believed that the plan can be inaugurated with but little additional expense to the Commonwealth. The State Department of Health has agreed to co-operate in the establishment of extensions to the out-patient department as above outlined.

The following is a summary of the work for the year:—

| | |
|--|-------|
| Evening visits to offices by patients, | 1,484 |
| Clothing supplied to | 72 |
| Financial aid supplied to | 13 |

| | |
|--|-------|
| Letters sent to | 3,758 |
| Situations obtained, | 161 |
| Referred for employment, | 217 |
| Inquiries at office, | 766 |
| Consultations, | 49 |
| Visits to homes of patients, | 2,852 |
| Visits to hospital by out-patient staff, | 52 |
| Visits to offices by out-patient staff, | 492 |

Cities and Towns visited.

| | | |
|---------------|----------------|--------------|
| South Boston. | Holyoke. | Worcester. |
| Boston. | Lowell. | Haverhill. |
| Cambridge. | Quincy. | Taunton. |
| Salem. | Charlestown. | Natick. |
| Lynn. | East Boston. | New Bedford. |
| Brockton. | Jamaica Plain. | Fall River. |
| Chelsea. | Brookline. | Clinton. |
| Dorchester. | Brighton. | Leominster. |
| Springfield. | Lawrence. | Greenfield. |
| Dedham. | Somerville. | Easthampton. |
| Norwood. | Pittsfield. | Northampton. |
| Shirley. | Fitchburg. | Peabody. |
| Revere. | Roxbury. | Marlborough. |

A comparison of the work of the department for a corresponding period of the year preceding shows a satisfactory and substantial increase under the different headings.

The following compilation gives the condition of discharged patients for the six-year period beginning Oct. 1, 1909, and ending Oct. 1, 1915, verified to Jan. 1, 1916:—

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | From Oct. 1, 1914, to Oct. 1, 1915. | Total. |
|--|---|---|---|---|---|---|--------|
| Abstinent, | 57 | 85 | 157 | 175 | 224 | 246 | 944 |
| Improved; drinking some, but working and earning livelihood. | 37 | 30 | 53 | 57 | 46 | 12 | 235 |
| Unimproved; not benefited by hospital treatment. | 125 | 176 | 214 | 177 | 152 | 88 | 932 |
| Patients not located; present condition unknown. | 190 | 147 | 347 | 420 | 375 | 259 | 1,738 |
| Died, | 27 | 20 | 41 | 35 | 20 | 10 | 153 |
| Insane, | 10 | 6 | 13 | 8 | 5 | 7 | 49 |
| | 446 | 464 | 825 | 872 | 822 | 622 | 4,051 |

The compiled statistics show that we have been able to obtain the after-histories of 2,313 men who have been under observation for a maximum period of six years and a minimum period of six months. Nine hundred and forty-four, or 41 per cent., have been abstinent; 1,179, or 51 per cent., are materially improved. These figures show an increase of 9 per cent. of improvements over the year 1914.

OCCUPATION OF PATIENTS.

An important part of the hospital treatment is the furtherance of systematic and congenial work. A small percentage of the men who have established trades are employed under the different department heads. By far the larger number of the patients are employed at outdoor work, the extension of which is an encouraging feature of the work for the year. The large acreage of the plant, and the diversified character of the work entailed in building the hospital, allows for the selection of employment for the men, which has proven to be of decided educational value to the patients. The following table gives in concrete form the number of hours in which the patients were employed under the different department heads, the estimated value of their labor, and the gross and net cost of the completed work: —

| | Number of Patients' Hours. | Price per Hour (Cents). | Cost of Patients' Labor. | Cost of Employees' Labor. | Hospital Teaming. | Materials. | Gross Cost. | Net Cost, less Patients' Labor and Teaming, etc. |
|---|----------------------------------|-------------------------------|--------------------------------|---------------------------------|----------------------|------------|-------------|---|
| Carpenter, | 7,677½ | 20 | \$1,535 50 | \$656 89 | — | \$1,771 92 | \$3,964 31 | \$2,023 27 |
| Construction, | 84,017½ | 10 | 8,401 75 | 5,196 67 | \$1,939 84 | 3,136 66 | 18,674 92 | 8,402 68 |
| Engineer, | 14,225 | 10 | 1,422 50 | 1,595 79 | — | 3,201 95 | 6,220 24 | 4,797 74 |
| Farm and forestry, | 46,245½ | 10 | 4,624 58 | — | — | — | 4,624 58 | — |
| Fish and game, | 16,796½ | 15½ | 2,603 46 | — | — | — | 2,603 46 | — |
| House men, inside help, kitchen men, waiters, etc., | 103,537 | 10 | 10,353 70 | — | — | — | 10,353 70 | — |
| Painter, | 9,077 | 20 | 1,815 40 | 105 00 | — | 553 10 | 2,473 50 | 658 10 |
| | 281,576¼ | | \$30,756 89 | \$7,554 35 | \$1,939 84 | \$8,603 63 | \$48,914 71 | \$15,881 79 |

IRWIN H. NEEF, M.D.,

Superintendent.

FARM PRODUCTS.

VALUE FOR FISCAL YEAR ENDING NOV. 30, 1915.

Field, Garden and Orchard Products.

| | |
|--|----------|
| Apples, 4.8 barrels, | \$14 40 |
| Asparagus, 3.5 bunches, | 35 |
| Beans (dry), 15.75 bushels, | 34 65 |
| Beans (string), 27.5 bushels, | 34 38 |
| Beets, 78.67 bushels, | 43 27 |
| Beet greens, 244 bushels, | 73 20 |
| Blackberries, 31 quarts, | 2 48 |
| Cabbage, 127.15 hundred weight, | 73 11 |
| Cabbage (fodder), 1.5 tons, | 7 50 |
| Carrots, 405.5 bushels, | 283 85 |
| Celery, 306 boxes, | 229 50 |
| Chard (Swiss), 162 bushels, | 64 80 |
| Corn (ensilage), 117.75 tons, | 588 75 |
| Corn (fodder), 29 tons, | 145 00 |
| Corn (sweet), 140 bushels, | 84 00 |
| Cucumbers, 18.5 bushels, | 37 00 |
| Hay (English), 28.34 tons, | 651 82 |
| Hay (meadow), 22.46 tons, | 258 29 |
| Hay (oats and peas), 12.38 tons, | 185 70 |
| Hay (rowen), 1.5 tons, | 15 00 |
| Lettuce, 85.5 boxes, | 23 94 |
| Mangels, 75 bushels, | 18 75 |
| Onions, 148 bushels, | 88 80 |
| Parsnips, 122 bushels, | 79 30 |
| Peas, green, 20.25 bushels, | 22 28 |
| Peppers, 6 bushels, | 3 00 |
| Potatoes, 1,410 bushels, | 1,057 50 |
| Pumpkins, 41.6 hundred weight, | 31 20 |
| Radishes, 32.67 bushels, | 16 33 |
| Spinach, 107 bushels, | 32 10 |
| Squash (summer), 65.59 barrels, | 39 35 |
| Squash (winter), 19.75 hundred weight, | 14 81 |
| Strawberries, 160 quarts, | 16 00 |

| | | |
|---|---------|------------|
| Tomatoes (green), 45 bushels, | \$27 00 | |
| Tomatoes (ripe), 130 bushels, | 78 00 | |
| Turnips, 75 bushels, | 45 00 | |
| Turnip tops, 2.25 tons, | 11 25 | |
| Winter rye (fodder), 11.5 tons, | 57 50 | |
| | <hr/> | \$4,489 16 |

Sundry Farm Products.

| | | |
|---|----------|----------|
| Eggs, 481.25 dozen, | \$134 75 | |
| Manure, 97 cords, | 582 00 | |
| Manure (hen), 7 barrels, | 5 25 | |
| Milk, 45,744 quarts, | 2,592 16 | |
| Pork, 6,238 pounds, | 623 80 | |
| Poultry (broilers), 85.25 pounds, | 23 02 | |
| Poultry (chicken), 186.25 pounds, | 35 39 | |
| Poultry (fowl), 190.5 pounds, | 28 58 | |
| | <hr/> | 4,024 95 |

Forest Products.

| | | |
|--|----------|-------------|
| Lumber (chestnut), 7,690 feet, | \$192 25 | |
| Lumber (pine), 38,686 feet, | 967 15 | |
| Poles (chestnut, 30 foot), 10, | 35 00 | |
| Wood, 195.7 cords, | 391 40 | |
| | <hr/> | 1,585 80 |
| | | <hr/> |
| Total, | | \$10,099 91 |

VALUATION.

Nov. 30, 1915.

| | | |
|--|-------------|--------------|
| Land: — | | |
| Grounds (120 acres), | \$6,332 40 | |
| Tillage (30 acres), | 1,329 93 | |
| Orchard (12 acres), | 471 24 | |
| Mowing (55 acres), | 2,159 84 | |
| Pasture (211 acres), | 8,285 97 | |
| Woodland (251½ acres) | 10,388 68 | |
| Waste (426 acres), | 16,708 05 | |
| Total (1,105½ acres), | | \$45,676 11 |
| Buildings: — | | |
| Administration, | \$82,805 72 | |
| Employees, | 11,570 63 | |
| Farm, stable and grounds, | 20,216 40 | |
| Heat, light and power, | 11,443 94 | |
| Inmates, | 73,334 87 | |
| | | 199,371 56 |
| Miscellaneous: — | | |
| Buildings, | \$64 10 | |
| Spur track and coal trestle, | 4,543 15 | |
| Equipment for heat, light and power, | 18,623 20 | |
| Equipment for laundry, | 2,751 00 | |
| Heating system, | 219 41 | |
| Hot-water system, | 182 25 | |
| Outside wiring, | 3,787 94 | |
| Sewage system, | 2,920 76 | |
| Water system, | 10,855 97 | |
| Subways, | 218 93 | |
| | | 44,166 71 |
| Inventory of personal property: — | | |
| Food, | \$6,059 09 | |
| Clothing, | 2,638 51 | |
| Furnishings, | 23,704 65 | |
| Heat, light and power, | 6,740 51 | |
| Repairs and improvements, | 9,754 44 | |
| Farm, stable and grounds, | 17,379 11 | |
| Miscellaneous, | 6,329 89 | |
| | | 72,606 20 |
| Total, | | \$361,820 58 |

TREASURER'S REPORT.

To the Trustees of the Norfolk State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1915: —

CASH ACCOUNT.

| | |
|-----------------------|----------|
| Balance Dec. 1, 1914, | \$336 30 |
|-----------------------|----------|

Receipts.

Institution Receipts.

Board of inmates: —

| | |
|-----------------------------|----------|
| Private, | \$853 70 |
| Reimbursements, charitable, | 193 27 |

\$1,046 97

Sales: —

| | |
|---------------------------|---------|
| Food, | \$35 77 |
| Clothing and materials, | 8 51 |
| Furnishings, | 96 35 |
| Repairs and improvements, | 24 74 |
| Miscellaneous, | 91 |

Farm, stable and grounds: —

| | |
|-----------|----------|
| Wood, | \$425 80 |
| Sundries, | 136 17 |

561 97

728 25

Miscellaneous receipts: —

| | |
|----------------------------|----------|
| Interest on bank balances, | \$163 97 |
| Sundries, | 51 95 |

215 92

1,991 14

Receipts from Treasury of Commonwealth.

Maintenance appropriations: —

| | |
|---|--------------|
| Balance of 1914, | \$2,061 48 |
| Advance money (amount on hand November 30), | 12,000 00 |
| Approved schedules of 1915, | \$116,127 26 |
| Less returned, | 1 50 |

116,125 76

130,187 24

Special appropriations,

\$45,741 12

Less returned,

175 00

45,566 12

Total,

\$178,080 80

Payments.

| | | | |
|--|------------|------------|--------------|
| To treasury of Commonwealth, institution receipts, | | \$1,991 14 | |
| Maintenance appropriations: — | | | |
| Balance November schedule, 1914, | \$2,397 78 | | |
| Eleven months' schedules, 1915, | 116,125 76 | | |
| November advances, | 11,478 86 | | |
| | | | 130,002 40 |
| Special appropriations: — | | | |
| Approved schedules, | | 45,566 12 | |
| Balance Nov. 30, 1915: — | | | |
| In bank, | \$92 75 | | |
| In office, | 428 39 | | |
| | | | 521 14 |
| Total, | | | \$178,080 80 |

MAINTENANCE.

| | | |
|--|--------------|--|
| Appropriation, \$133,900; from 1914, \$33.67, | \$133,933 67 | |
| Expenses (as analyzed below), | 131,635 38 | |
| | | |
| Balance reverting to treasury of Commonwealth, | \$2,298 29 | |

Analysis of Expenses.

| | | |
|--|-------------|-------------|
| Salaries, wages and labor: — | | |
| Irwin H. Neff, M.D., superintendent, | \$4,500 00 | |
| General administration, | 17,925 13 | |
| Medical service, | 4,350 00 | |
| Ward service (male), | 7,197 16 | |
| Repairs and improvements, | 5,770 95 | |
| Farm, stable and grounds, | 4,097 83 | |
| Out-patient department, | 3,579 13 | |
| | | \$47,420 20 |
| Food: — | | |
| Butter, | \$337 08 | |
| Butterine, | 1,588 84 | |
| Beans, | 785 98 | |
| Bread and crackers, | 31 56 | |
| Cereals, rice, meal, etc., | 395 29 | |
| Cheese, | 447 10 | |
| Eggs, | 1,687 13 | |
| Flour, | 2,811 70 | |
| Fish, | 1,092 95 | |
| Fruit (dried and fresh), | 1,101 76 | |
| Lard, | 480 38 | |
| Meats, | 7,588 15 | |
| Milk, etc., | 244 53 | |
| Molasses and syrup, | 58 16 | |
| Spices, seasonings, salt, etc., | 390 35 | |
| Sugar, | 1,924 92 | |
| Tea, coffee, broma and cocoa, | 803 05 | |
| | | |
| Amounts carried forward, | \$21,768 93 | \$47,420 20 |

| | | |
|--|-------------|--------------|
| <i>Amounts brought forward,</i> | \$21,768 93 | \$47,420 20 |
| Food — <i>Con.</i> | | |
| Vegetables, | 1,104 50 | |
| Yeast, etc., | 196 64 | |
| Sundries, | 204 19 | |
| | | 23,274 26 |
| Clothing and materials: — | | |
| Boots, shoes and rubbers, | \$1,827 49 | |
| Clothing, | 2,664 36 | |
| Dry goods for clothing and small wares, | 85 87 | |
| Hats and caps, | 112 80 | |
| Leather and shoe findings, | 278 12 | |
| | | 4,968 64 |
| Furnishings: — | | |
| Beds, bedding, table linen, etc., | \$1,634 57 | |
| Brushes, brooms, | 334 61 | |
| Carpets, rugs, etc., | 223 46 | |
| Crockery, glassware, cutlery, etc., | 337 19 | |
| Furniture and upholstery, | 775 88 | |
| Kitchen furnishings, | 543 70 | |
| Materials and machinery for manufacturing, | 119 50 | |
| Wooden ware, buckets, pails, etc., | 119 45 | |
| Sundries, | 91 12 | |
| | | 4,179 48 |
| Heat, light and power: — | | |
| Coal, | \$9,438 10 | |
| Freight on coal, | 1,550 72 | |
| Electricity, | 955 59 | |
| Boiler inspection, | 29 00 | |
| Oil, | 276 64 | |
| Sundries, | 176 38 | |
| | | 12,426 43 |
| Repairs and improvements: — | | |
| Cement, lime and plaster, | \$2,385 04 | |
| Doors, sashes, etc., | 462 92 | |
| Electrical work and supplies, | 462 59 | |
| Hardware, | 1,365 97 | |
| Lumber, | 1,635 34 | |
| Machines (detached), | 2,487 95 | |
| Paints, oil, glass, etc., | 941 91 | |
| Plumbing, steam fitting and supplies, | 1,275 22 | |
| Roofing and materials, | 166 65 | |
| Equipment and tools, etc., | 1,397 59 | |
| Sundries, | 296 87 | |
| | | 12,878 05 |
| Farm, stable and grounds: * | | |
| Automobiles and supplies, | \$3,015 91 | |
| Automobile repairs, | 282 10 | |
| Blacksmith and supplies, | 244 95 | |
| Carriages, wagons, etc., and repairs, | 565 24 | |
| <i>Amounts carried forward,</i> | \$4,108 20 | \$105,147 06 |

| | | |
|---|-------------|--------------|
| <i>Amounts brought forward,</i> | \$4,108 20 | \$105,147 06 |
| Farm, stable and grounds — <i>Con.</i> | | |
| Fertilizers, vines, seeds, etc., | 1,151 56 | |
| Hay, grain, etc., | 2,838 65 | |
| Harnesses and repairs, | 324 48 | |
| Horses, | 650 00 | |
| Cows, | 603 40 | |
| Other live stock, | 509 05 | |
| Rent, | 360 00 | |
| Road work, etc., | 502 68 | |
| Tools, farm machines, etc., | 1,082 31 | |
| Cutting ensilage, | 46 90 | |
| Sundries, | 203 31 | |
| | | 12,380 54 |
| Religious services, | | 880 83 |
| Miscellaneous: — | | |
| Books, periodicals, etc., | \$504 80 | |
| Cuspidor supplies, | 15 14 | |
| Entertainments, | 1,314 65 | |
| Freight, expressage and transportation, | 855 93 | |
| Funeral expenses, | 191 00 | |
| Gratuities, | 864 09 | |
| Hose, etc., | 499 71 | |
| Ice, | 25 94 | |
| Medicines and hospital supplies, | 2,154 31 | |
| Medical attendance, nurses, etc. (extra), | 86 00 | |
| Postage, | 423 90 | |
| Printing and printing supplies, | 239 99 | |
| Printing annual report, | 93 31 | |
| Soap and laundry supplies, | 563 60 | |
| Stationery and office supplies, | 1,013 27 | |
| Tents, awnings, | 167 58 | |
| Travel and expenses (officials), | 431 98 | |
| Telephone and telegraph, | 571 24 | |
| Tobacco, | 855 79 | |
| Out-patient department, | 2,279 64 | |
| Sundries, | 75 08 | |
| | | 13,226 95 |
| Total expenses for maintenance, | | \$131,635 38 |
| SPECIAL APPROPRIATIONS. | | |
| Balance Dec. 1, 1914, | | \$24,270 94 |
| Appropriations for fiscal year, | | 94,824 66 |
| Total, | | \$119,095 60 |
| Expended during the year (see statement annexed), | \$45,566 12 | |
| Reverting to treasury of Commonwealth, | 15 62 | |
| | | 45,581 74 |
| Balance Nov. 30, 1915, | | \$73,513 86 |

RESOURCES AND LIABILITIES.

Resources.

| | | |
|---|-----------|-------------|
| Cash on hand, | \$521 14 | |
| November cash vouchers (paid from advance money), account of maintenance, | 11,478 86 | |
| Due from treasury of Commonwealth, account of November, 1915, schedule, | 3,509 62 | |
| | <hr/> | \$15,509 62 |

Liabilities.

| | |
|---------------------------------------|-------------|
| Schedule of November bills, | \$15,509 62 |
|---------------------------------------|-------------|

PER CAPITA.

During the year the average number of inmates has been (including observation cases) 232.66.

Total cost for maintenance, \$131,635.38.

Equal to a weekly per capita cost of \$10.8804.

Receipt from sales, \$728.25.

Equal to a weekly per capita of \$0.0602.

All other institution receipts, \$1,262.89.

Equal to a weekly per capita of \$0.1044.

Special Appropriations.

| OBJECT. | Act or Resolve. | Whole Amount. | Expended during Fiscal Year. | Expended to Date. | Balance at End of Year. |
|---|---------------------------------|---------------|------------------------------|-------------------|-------------------------|
| Land purchase, | Acts 1910, chap. 635, . . | \$50,000 00 | \$25 00 | \$49,766 47 | \$233 53 |
| Cottage for hospital patients, | Acts 1913, chap. 133, . . | 8,000 00 | 150 91 | 8,000 00 | - |
| Hospital building, | Acts 1913, chap. 133, . . | 20,000 00 | 145 44 | 20,000 00 | - |
| Industrial building, | Acts 1913, chap. 133, . . | 8,000 00 | 202 44 | 8,000 00 | - |
| Service building, | Acts 1913, chap. 133, . . | 29,000 00 | 153 90 | 29,000 00 | - |
| Spur track, | Acts 1913, chap. 133, . . | 2,000 00 | 662 86 | 2,000 00 | - |
| Church building, | Acts 1913, chap. 133, . . | 18,000 00 | 12,170 82 | 18,000 00 | - |
| Trundle and spur track, | Res. 1914, chap. 142, . . | 4,000 00 | 2,543 35 | 2,870 99 | 1,129 01 |
| Boiler house and equipment, | Res. 1914, chap. 142, . . | 10,000 00 | 5,412 25 | 10,000 00 | - |
| Outside wiring, | Res. 1914, chap. 142, . . | 2,900 00 | 1,402 59 | 2,900 00 | - |
| Sewer and water construction, | Res. 1914, chap. 142, . . | 2,500 00 | 39 04 | 2,500 00 | - |
| Administration building — vault, | Spec. Acts 1915, chap. 307, . . | 1,324 66 | 1,309 04 | 1,309 04 | 15 62 ¹ |
| Five cottages for men, | Res. 1915, chap. 145, . . | 43,000 00 | 3,898 67 | 3,898 67 | 39,101 33 |
| Dining-room building, | Res. 1915, chap. 145, . . | 18,000 00 | 3,770 54 | 3,770 54 | 14,229 46 |
| Connections with central heating plant, | Res. 1915, chap. 145, . . | 21,000 00 | 8,549 48 | 8,549 48 | 12,450 52 |
| Sewer and water construction, | Res. 1915, chap. 145, . . | 3,000 00 | 1,528 34 | 1,528 34 | 1,471 66 |
| Outside wiring, | Res. 1915, chap. 145, . . | 1,000 00 | 77 88 | 77 88 | 922 12 |
| Additional land, | Res. 1915, chap. 145, . . | 5,000 00 | 2,331 27 | 2,331 27 | 2,668 73 |
| Hydriatric department, | Res. 1915, chap. 145, . . | 2,500 00 | 1,192 50 | 1,192 50 | 1,307 50 |
| | | \$249,224 66 | \$45,566 12 | \$175,695 18 | \$73,513 86 |

¹ Reverting to treasury of the Commonwealth.

Respectfully submitted,

IRWIN H. NEFF,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,
Auditor.

REPORT OF WORK DONE IN MATTRESS DEPARTMENT.

FOR THE YEAR ENDING NOV. 30, 1915.

| | | | |
|------------------------------|-----|---------------------------|-----|
| Mattresses made, | 127 | Pillows made, | 129 |
| Mattresses remade, | 57 | Pillows remade, | 91 |

REPORT OF WORK DONE IN TAILOR'S DEPARTMENT.

FOR THE YEAR ENDING NOV. 30, 1915.

| | | | |
|------------------------------|-----|-------------------------------|-----|
| Suits pressed, | 763 | Coats repaired, | 63 |
| Suits cleaned, | 495 | Vests pressed, | 7 |
| Suits repaired, | 84 | Vests cleaned, | 3 |
| Trousers pressed, | 94 | Vests repaired, | 15 |
| Trousers cleaned, | 41 | Overcoats pressed, | 43 |
| Trousers repaired, | 139 | Overcoats cleaned, | 54 |
| Coats pressed, | 71 | Overcoats repaired, | 43 |
| Coats cleaned, | 31 | Reefers repaired, | 107 |

REPORT OF WORK DONE IN CEMENT SHOP.

FOR THE YEAR ENDING NOV. 30, 1915.

| <i>Articles manufactured.</i> | |
|---|---------|
| Common brick, | 350,526 |
| Face brick, | 8,130 |
| Red sidewalk brick, | 1,540 |
| Cement tile pipe (4-inch) (feet), | 1,333½ |
| Cement tile pipe (6-inch) (feet), | 445½ |
| Cement sewer pipe (6-inch) (feet), | 843½ |
| Cement sewer pipe (8-inch) (feet), | 2,453 |
| Cement sewer pipe (12-inch) (feet), | 84 |
| Cement sewer pipe (18-inch) (feet), | 186 |
| Coping blocks, | 55 |
| Fence posts (7-foot), | 144 |
| Concrete posts (8-foot), | 4 |
| Cement posts (10-foot), | 26 |

REPORT OF WORK DONE IN COBBLER'S DEPARTMENT.

FOR THE YEAR ENDING NOV. 30, 1915.

| | |
|--------------------------------------|-----|
| Pairs of shoes half soled, | 717 |
| Pairs of shoes heeled, | 667 |
| Pairs of shoes repaired, | 414 |

WORK DONE IN SEAMSTRESS' DEPARTMENT.

FOR THE YEAR ENDING NOV. 30, 1915.

| <i>Articles made.</i> | | | |
|-------------------------------------|-------|------------------------------------|-------|
| Sheets, | 152 | Tea bags, | 6 |
| Pillow slips, | 137 | Pan holders for kitchen, | 30 |
| Mattress covers, | 9 | Hair-cutting cloths, | 6 |
| Bureau covers, | 36 | Laundry bags, | 2 |
| Hand towels, | 1,066 | Bathrobes, | 8 |
| Bath towels, | 780 | | |
| Roller towels, | 12 | <i>Articles repaired.</i> | |
| Dish towels, | 186 | Nightshirts, | 270 |
| Nightshirts, | 42 | Waiters' aprons, | 374 |
| Linen towels (for altar), | 12 | Waiters' coats, | 283 |
| Flags, | 75 | Spreads, | 35 |
| Cover for sofa, | 1 | Flags, | 58 |
| Waiters' aprons, | 65 | Rugs, | 30 |
| Bedspreads, | 2 | Tablecloths, | 34 |
| Portières, | 2 | Bathrobes, | 8 |
| Cushion covers, | 2 | Sheets, | 6 |
| Draperies, | 30 | Blankets, | 3 |
| Sash curtains, | 2 | Church vestments, | 6 |
| Ties for draperies, | 28 | Overalls, | 234 |
| Tablecloths, | 18 | Jumpers, | 216 |
| Kitchen aprons, | 24 | Outside shirts, | 344 |
| Coffee bags, | 6 | Undershirts, | 288 |
| Cocoa bags, | 6 | Drawers, | 341 |
| | | Pairs stockings, | 1,563 |

STATISTICAL TABLES.

[FORM PRESCRIBED BY THE STATE BOARD OF CHARITY.]

GENERAL STATISTICS.

TABLE NO. 1. — *General Statistics for Year.*

| | |
|---|-------|
| Patients in hospital Dec. 1, 1914, | 230 |
| Admissions within the year, | 1,565 |
| By commitment, | 231 |
| Voluntary, | 997 |
| By return from leave of absence of previous years, | 11 |
| By return from escape of previous years, | — |
| By return from visit of previous years, | 63 |
| Nominally for discharge, | 263 |
| Whole number of cases within the year, | 1,795 |
| Final discharges within the year, | 692 |
| By death while in hospital, | 4 |
| By death while on leave of absence, | — |
| By death while on visit, | — |
| By death, escaped, | — |
| As insane, | 9 |
| By time limit while in hospital, | — |
| By time limit while on leave of absence, | 7 |
| By time limit escaped, | — |
| "As not to be benefited by further treatment" while in hospital, | 406 |
| "As not to be benefited by further treatment" while on leave of absence, | 5 |
| "As not to be benefited by further treatment" while on visit, | 10 |
| "As not to be benefited by further treatment" while on escape, | 3 |
| Expiration of visit, | 248 |
| Deported, | — |
| Patients absent, not finally discharged, dismissed in 1915, | 848 |
| Leave of absence, | 169 |
| Escaped, | 15 |
| Visit, | 664 |

TABLE NO. 1. — *General Statistics for Year* — Concluded.

| | |
|---|--------|
| Patients absent, not finally discharged, dismissed in previous years, | 73 |
| Leave of absence, | 73 |
| Escaped, | — |
| Patients remaining in hospital Dec. 1, 1915, | 255 |
| Viz.: State patients, | 255 |
| Private patients, | — |
| Reimbursing patients, | — |
| Number of different persons admitted, | 1,275 |
| Number of different persons dismissed, | 1,260 |
| Daily average number of patients (including observation cases), | 232.66 |
| Viz.: State patients (including observation cases), . | 230.32 |
| Private patients, | 2.34 |
| Reimbursing patients, | — |

TABLE No. 2. — *Monthly Admissions, Discharges and Averages.*

| | ADMISSIONS. | | | | | | | | | | DISCHARGES. | | | | | | Daily Average of Patients in Hospital. | | | | |
|--|--------------|------------|---|---|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------|-------------|---------|-------------|-----------|--------|-------------------|--|---------|--------|---------|---|
| | Commitments. | Voluntary. | Returns from Leave of Absence of 1912-13. | Returns from Leave of Absence of 1913-14. | Returns from Visit of 1913-14. | Returns from Visit of 1914-15. | Returns from Escape of 1912-13. | Returns from Escape of 1913-14. | Returns from Escape of 1914-15. | Totals. | FINAL. | | | | Death. | CONDITIONAL. | | | | | |
| | | | | | | | | | | | Time Limit. | Insane. | Unsuitable. | Deported. | | Leave of Absence. | | Escape. | Visit. | Totals. | |
| | | | | | | | | | | | | | | | | | | | | | |
| 1914. | | | | | | | | | | | | | | | | | | | | | |
| December, | 19 | 57 | — | 1 | 2 | 6 | 1 | — | — | — | 86 | — | — | 28 | — | 16 | 1 | 30 | 47 | 245.90 | |
| 1915. | | | | | | | | | | | | | | | | | | | | | |
| January, | 31 | 65 | — | 1 | 2 | 5 | 2 | — | — | — | 101 | — | 3 | 36 | — | 11 | 4 | 34 | 49 | 251.32 | |
| February, | 18 | 53 | — | — | 5 | 5 | 5 | — | — | — | 83 | — | — | 22 | — | 21 | 1 | 35 | 57 | 262.93 | |
| March, | 26 | 69 | — | 3 | 11 | 3 | 3 | — | — | — | 112 | — | — | 1 | — | 19 | 5 | 75 | 99 | 254.42 | |
| April, | 16 | 81 | — | 5 | 10 | 8 | 8 | — | — | — | 122 | — | 1 | 37 | — | 23 | 2 | 77 | 102 | 222.83 | |
| May, | 12 | 95 | — | 1 | 12 | 6 | 6 | — | — | — | 128 | — | — | 56 | — | 17 | — | 87 | 104 | 189.90 | |
| June, | 27 | 107 | — | 2 | 7 | 12 | 12 | — | — | — | 156 | — | — | 39 | — | 9 | — | 69 | 78 | 194.97 | |
| July, | 17 | 114 | — | 1 | 12 | 1 | 12 | — | — | — | 147 | — | 3 | 45 | — | 12 | 3 | 77 | 92 | 219.03 | |
| August, | 19 | 104 | — | 3 | 3 | 3 | 15 | — | — | — | 145 | — | — | 27 | — | 26 | 1 | 90 | 117 | 223.87 | |
| September, | 15 | 81 | — | 3 | 3 | 3 | 22 | — | — | — | 127 | — | — | 47 | — | 15 | 2 | 77 | 94 | 214.83 | |
| October, | 19 | 76 | — | 7 | 3 | 3 | 24 | — | — | — | 131 | — | 1 | 20 | — | 16 | 1 | 77 | 94 | 229.00 | |
| November, | 12 | 95 | — | 1 | 7 | — | 26 | — | — | — | 141 | — | — | 14 | — | 23 | 2 | 77 | 102 | 243.90 | |
| Total of admissions, | 231 | 997 | 11 | 37 | 63 | 136 | — | — | — | — | 1,479 | — | — | — | — | — | — | — | — | — | |
| Total of persons, | 1,201 | | | | | | | | | | — | — | — | — | — | — | — | — | — | — | — |
| Total returns from leave of absence, escapes and visits within the year, | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Total of persons, etc., | — | — | 11 | 37 | 63 | 136 | — | — | — | — | 251 | — | — | — | — | — | — | — | — | — | |
| Total of final discharges, | — | — | 11 | 32 | 63 | 123 | — | — | — | — | 233 | — | — | — | — | — | — | — | — | — | |
| Total of persons finally discharged, | — | — | — | — | — | — | — | — | — | — | — | 9 | 406 | — | — | — | — | — | 419 | — | |
| Total of conditional discharges, | — | — | — | — | — | — | — | — | — | — | — | 9 | 391 | — | — | — | — | — | 404 | — | |
| Total of persons conditionally discharged, | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 208 | 22 | 805 | 1,035 | — | |
| Remaining away, | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 188 | 22 | 746 | 956 | — | |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 242 | 15 | 664 | 921 | — | |

TABLE NO. 3. — *Received on First and Subsequent Commitments.*

| | |
|-------------------|-------|
| First, | 1,153 |
| Second, | 72 |
| Third, | 3 |
| Total of cases, | 1,228 |
| Total of persons, | 1,201 |

TABLE NO. 4. — *Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|---------------------------|----------|---------|---------|
| Massachusetts, | 789 | 239 | 228 |
| Other New England States, | 93 | 84 | 83 |
| Other States, | 72 | 64 | 63 |
| Total native, | 954 | 387 | 374 |
| Ireland, | 60 | 501 | 521 |
| Canada, | 68 | 131 | 105 |
| England, | 25 | 40 | 44 |
| Germany, | 5 | 15 | 20 |
| Scotland, | 16 | 25 | 27 |
| Russia, | 7 | 17 | 18 |
| Italy, | 6 | 15 | 16 |
| France, | — | 1 | 4 |
| Unknown, | — | 2 | 3 |
| Denmark, | 1 | 1 | 1 |
| Sweden, | 5 | 6 | 7 |
| China, | — | — | 1 |
| West Indies, | 1 | 1 | 3 |
| Holland, | — | 2 | 1 |
| Belgium, | 1 | 1 | 1 |
| Austria, | — | 1 | 2 |
| Rumania, | 1 | 1 | 1 |
| Wales, | 2 | 4 | 3 |
| Norway, | 1 | 2 | 1 |
| Total foreign, | 199 | 766 | 779 |
| Total, | 1,153 | 1,153 | 1,153 |

TABLE NO. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 633 |
| Essex County, | 78 |
| Bristol County, | 38 |
| Middlesex County, | 141 |
| Plymouth County, | 37 |
| Worcester County, | 59 |
| Norfolk County, | 49 |
| Hampden County, | 81 |
| Franklin County, | 4 |
| Hampshire County, | 9 |
| Barnstable County, | 2 |
| Berkshire County, | 21 |
| Dukes County, | 1 |
| Total, | 1,153 |
| Cities and large towns over 10,000, | 1,076 |
| Country districts under 10,000, | 77 |

TABLE NO. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Unmarried. | Married. | Widowers. | Divorced. | Total. |
|------------------------|------------|----------|-----------|-----------|--------|
| First, | 687 | 414 | 31 | 21 | 1,153 |
| Total cases, | 687 | 414 | 31 | 21 | 1,153 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|----------------------------|------------|------------|--------|-------------------------------|------------|------------|--------|
| Abington, | 1 | 1 | 2 | Holyoke, | 11 | 3 | 14 |
| Adams, | — | 3 | 3 | Hopkinton, | 1 | 1 | 2 |
| Amesbury, | — | 1 | 1 | Indian Orchard, | 1 | — | 1 |
| Amherst, | 1 | — | 1 | Ipswich, | — | 1 | 1 |
| Arlington, | 2 | — | 2 | Kingston, | 1 | — | 1 |
| Attleboro, | 4 | 2 | 6 | Lawrence, | 9 | — | 9 |
| Barnstable, | 1 | — | 1 | Lee, | — | 1 | 1 |
| Beachmont, | 1 | — | 1 | Leominster, | 5 | 1 | 6 |
| Beverly, | 1 | — | 1 | Lexington, | 1 | 2 | 3 |
| Bolton, | 1 | — | 1 | Lowell, | 3 | 5 | 8 |
| Boston, | 555 | 60 | 615 | Lynn, | 22 | — | 22 |
| Braintree, | — | 1 | 1 | Malden, | 5 | 1 | 6 |
| Bridgewater, | 1 | — | 1 | Manchester, | — | 1 | 1 |
| Brockton, | 20 | 5 | 25 | Marlborough, | 2 | 3 | 5 |
| Brookline, | 16 | 1 | 17 | Medford, | — | 1 | 1 |
| Cambridge, | 27 | 16 | 43 | Medway, | 2 | 1 | 3 |
| Chartley, | 1 | — | 1 | Melrose, | 1 | — | 1 |
| Chelsea, | 6 | 9 | 15 | Middleton, | — | 1 | 1 |
| Chicopee, | 1 | — | 1 | Milford, | 6 | 4 | 10 |
| Concord, | — | 1 | 1 | Milton, | 1 | — | 1 |
| Dalton, | 1 | — | 1 | Natick, | 6 | 8 | 14 |
| Danvers, | — | 4 | 4 | New Bedford, | 3 | 2 | 5 |
| Dedham, | 3 | — | 3 | Newburyport, | 1 | — | 1 |
| Dudley, | — | 1 | 1 | Newton, | 4 | — | 4 |
| Easthampton, | 2 | — | 2 | North Abington, | 1 | — | 1 |
| East Longmeadow, | 1 | — | 1 | North Adams, | — | 6 | 6 |
| East Weymouth, | 1 | — | 1 | Northbridge, | — | 1 | 1 |
| Edgartown, | — | 1 | 1 | Northampton, | 2 | — | 2 |
| Everett, | 4 | — | 4 | Norton, | — | 1 | 1 |
| Fairhaven, | 1 | — | 1 | Norwood, | 3 | 1 | 4 |
| Fall River, | 5 | 10 | 15 | Orange, | 1 | — | 1 |
| Fitchburg, | 5 | — | 5 | Peabody, | 1 | 3 | 4 |
| Foxborough, | 1 | — | 1 | Pittsfield, | 6 | 2 | 8 |
| Framingham, | 1 | 3 | 4 | Plymouth, | 1 | — | 1 |
| Gardner, | 1 | — | 1 | Princeton, | 1 | — | 1 |
| Grafton, | 1 | — | 1 | Quincy, | 10 | 1 | 11 |
| Greenfield, | 2 | — | 2 | Randolph, | 2 | — | 2 |
| Hanover, | 1 | — | 1 | Revere, | 2 | — | 2 |
| Hanson, | 1 | — | 1 | Rockland, | 1 | — | 1 |
| Harwich, | 1 | — | 1 | Salem, | 8 | 18 | 26 |
| Haverhill, | 4 | 3 | 7 | Seituate, | 1 | — | 1 |
| Hinsdale, | 1 | 1 | 2 | Shirley, | — | 1 | 1 |
| Holbrook, | 1 | — | 1 | South Braintree, | 2 | — | 2 |
| Holden, | 1 | — | 1 | South Hadley Falls, | 1 | — | 1 |
| Holliston, | — | 1 | 1 | Somerville, | 23 | 6 | 29 |

TABLE NO. 7. — *Town Residence of Persons first committed* — Concluded.

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|--------------------|------------|------------|--------|-------------------|------------|------------|--------|
| Southbridge, . . . | 1 | — | 1 | Webster, . . . | — | 1 | 1 |
| Spencer, . . . | 2 | — | 2 | Westfield, . . . | 3 | — | 3 |
| Springfield, . . . | 59 | 1 | 60 | Weymouth, . . . | 2 | — | 2 |
| Taunton, . . . | 3 | 5 | 8 | Whitman, . . . | 1 | — | 1 |
| Upton, . . . | — | 1 | 1 | Winthrop, . . . | 2 | — | 2 |
| Walpole, . . . | 1 | — | 1 | Winchendon, . . . | — | 2 | 2 |
| Waltham, . . . | 6 | — | 6 | Woburn, . . . | 1 | — | 1 |
| Ware, . . . | — | 3 | 3 | Worcester, . . . | 24 | — | 24 |
| Watertown, . . . | 1 | — | 1 | | | | |
| Wayland, . . . | — | 5 | 5 | Totals, . . . | 935 | 218 | 1,153 |

TABLE No. 8. — *Occupations of Persons first committed.*

| | | | |
|-----------------------------|----|---------------------------------|-----|
| Actors, | 6 | Elevator men, | 3 |
| Auctioneer, | 1 | Engineers, | 8 |
| Auditor, | 1 | Engraver, | 1 |
| Bakers, | 9 | Expressmen, | 4 |
| Barbers, | 18 | Farmers, | 7 |
| Bartenders, | 9 | Firemen, | 12 |
| Bell boys, | 4 | Florist, | 1 |
| Bill poster, | 1 | Foreman, | 1 |
| Blacksmiths, | 7 | Fruit dealers, | 4 |
| Boiler makers, | 3 | Gardeners, | 13 |
| Bookbinders, | 4 | Gas fitters, | 5 |
| Bookkeepers, | 5 | Glazier, | 1 |
| Brass finisher, | 1 | Gold beater, | 1 |
| Brakemen, | 6 | Harness maker, | 1 |
| Bricklayers, | 5 | Hostlers, | 4 |
| Butchers, | 3 | Inspectors, | 2 |
| Candy maker, | 1 | Insurance agents, | 4 |
| Caretakers, | 2 | Iron workers, | 8 |
| Carpenters, | 26 | Janitors, | 7 |
| Chauffeurs, | 12 | Jewelers, | 7 |
| Chemist, | 1 | Kitchen man, | 1 |
| Cigar makers, | 6 | Laborers, | 110 |
| Clerks, | 78 | Laundryman, | 1 |
| Clothing cutters, | 7 | Lawyers, | 2 |
| Coachman, | 1 | Leather workers, | 8 |
| Comb maker, | 1 | Letter carrier, | 1 |
| Compositor, | 1 | Linemen, | 3 |
| Conductors, | 3 | Lodging house keeper, | 1 |
| Contractors, | 3 | Locksmith, | 1 |
| Cooks, | 11 | Lumber inspector, | 1 |
| Cooper, | 1 | Machinists, | 34 |
| Core makers, | 2 | Manufacturers, | 3 |
| Credit man, | 1 | Masons, | 3 |
| Currier, | 1 | Meat cutters, | 16 |
| Decorators, | 2 | Mechanics, | 8 |
| Dentists, | 3 | Merchants, | 2 |
| Designer, | 1 | Messenger, | 1 |
| Draftsmen, | 3 | Metal workers, | 2 |
| Druggists, | 11 | Motorman, | 1 |
| Dyer, | 1 | Molders, | 2 |
| Electricians, | 20 | Musicians, | 5 |

TABLE NO. 8. — *Occupation of Persons first committed* — Concluded.

| | | | |
|--------------------------------|----|-------------------------------------|-------|
| News agents, | 3 | Salesmen, | 65 |
| Newspaper men, | 4 | Sheet metal workers, | 3 |
| None, | 11 | Shippers, | 5 |
| Nurses, | 2 | Shoe cutters, | 11 |
| Operatives (mill), | 10 | Shoe makers, | 71 |
| Optician, | 1 | Sign painter, | 1 |
| Orderlies, | 2 | Soldiers, | 2 |
| Packers, | 2 | Stage hands, | 6 |
| Painters, | 58 | Steam fitters, | 14 |
| Paper cutter, | 1 | Steel worker, | 1 |
| Paper hanger, | 1 | Stenographers, | 3 |
| Pattern maker, | 1 | Stewards, | 2 |
| Peddlers, | 6 | Structural iron worker, | 1 |
| Photographers, | 2 | Submarine diver, | 1 |
| Physical instructor, | 1 | Tailors, | 6 |
| Physicians, | 3 | Teamsters, | 108 |
| Piano polishers, | 4 | Telegraphers, | 3 |
| Piano tuner, | 1 | Telephone superintendent, | 1 |
| Picture framer, | 1 | Theatrical man, | 1 |
| Plasterers, | 6 | Ticket agent, | 1 |
| Plumbers, | 12 | Tile worker, | 1 |
| Pool room keeper, | 1 | Tinsmiths, | 2 |
| Porters, | 4 | Tool makers, | 3 |
| Postal clerk, | 1 | Tree surgeon, | 1 |
| Pressmen, | 5 | Undertakers, | 3 |
| Printers, | 22 | Upholsterers, | 4 |
| Prize fighter, | 1 | Waiters, | 57 |
| Proofreader, | 1 | Watchmaker, | 1 |
| Real estate agent, | 1 | Watchmen, | 2 |
| Restaurant keepers, | 2 | Water inspector, | 1 |
| Riggers, | 2 | Wheelwright, | 1 |
| Rodman, | 1 | Window dresser, | 1 |
| Roofers, | 5 | Woodworkers, | 2 |
| Rubber workers, | 2 | | |
| Sail makers, | 2 | | |
| Sailors, | 3 | | |
| | | Total, | 1,153 |

TABLE NO. 9. — *Ages at First Attack, Admission and Death.*

| AGES: | FIRST COMMITTED. | | DIED. | |
|------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | 10 | — | — | — |
| From 15 to 20 years, | 325 | 6 | 1 | — |
| 20 to 25 years, | 448 | 127 | 2 | 1 |
| 25 to 30 years, | 204 | 186 | — | — |
| 30 to 35 years, | 93 | 190 | — | — |
| 35 to 40 years, | 41 | 232 | — | — |
| 40 to 45 years, | 21 | 172 | — | — |
| 45 to 50 years, | 8 | 106 | — | 2 |
| 50 to 55 years, | 2 | 62 | 1 | — |
| 55 to 60 years, | — | 35 | — | 1 |
| 60 to 70 years, | 1 | 27 | — | — |
| 70 to 80 years, | — | 4 | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 1,153 | 1,153 | 4 | 4 |
| Average ages, | 23.87 | 37.23 | 28.75 | 43.75 |

TABLE NO. 10. — *Probable Duration of Inebriety before Admission in Persons first admitted.*

| | |
|--|-------|
| Under 1 year, | 10 |
| From 1 to 2 years, | 24 |
| 2 to 3 years, | 62 |
| 3 to 4 years, | 53 |
| 4 to 5 years, | 48 |
| 5 to 6 years, | 49 |
| 6 to 7 years, | 29 |
| 7 to 8 years, | 53 |
| 8 to 9 years, | 70 |
| 9 to 10 years, | 58 |
| 10 to 15 years, | 271 |
| 15 to 20 years, | 243 |
| Over 20 years, | 183 |
| Total, | 1,153 |
| Average known duration (in years), | 12.03 |

TABLE No. 11. — *Causes of Death.*

| | |
|---|---|
| Pulmonary tuberculosis and alcoholic toxæmia, | 1 |
| Lobar pneumonia and myocarditis, | 1 |
| Cerebral hemorrhage, | 1 |
| Pulmonary tuberculosis, | 1 |
| Total, | 4 |

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Public Document

No. 106

Mass. Hospital State

THIRD ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORFOLK STATE HOSPITAL,

FOR THE YEAR ENDING NOVEMBER 30, 1916.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
32 DERNE STREET.

1917.

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PUBLICATION OF THIS DOCUMENT
APPROVED BY THE
SUPERVISOR OF ADMINISTRATION.

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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

W. RODMAN PEABODY, *Chairman.*
FRANK L. LOCKE, *Secretary.*
ROBERT A. WOODS.
EDWIN MULREADY.
PHILIP R. ALLEN.
JAMES J. PHELAN.
OTHO L. SCHOFIELD, M.D.

RESIDENT OFFICERS.

IRWIN H. NEFF, M.D., *Superintendent.*
FRANK H. CARLISLE, M.D., *Assistant Superintendent.*
FREDERICK P. MOORE, M.D., *Assistant Physician.*

SOLOMON H. RUBIN, M.D., *Acting Physician to Out-
patient Department.*
THOMAS F. FOSS, *Assistant to Out-patient
Department.*

NELSON CROSSKILL, *Steward.*

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

The trustees of the Norfolk State Hospital have the honor to present herewith their third annual report.

The past year has been one which has brought satisfaction to all persons who are interested in the hospital, for the reason that the completion of necessary buildings and the development of the out-patient department have permitted service upon a more scientific basis than has been possible heretofore. The construction of five new brick hospital cottages, together with a dining-room building and a central heating plant, has not only made it possible to devote the administration building and the two receiving wards to the purposes for which they were intended, but, even more important, it has given the hospital for the first time a reasonable opportunity to separate its patients into independent colonies. Although the experience of the past eight years at Foxborough and at Norfolk has impressed upon our medical staff the truth that each case of inebriety is an individual problem which demands special care and attention, and that it is futile to attempt a physical, mental or moral classification of patients into types in which all examples have recognizable characteristics, yet it is equally clear that the further the hospital can escape from ordinary institutional life, and the more nearly a patient is limited in his associations with those other patients who are his mental or moral superiors, the better is his chance of improving. The advantage derived from the independent segregated treatment is of course met by the added cost of administration, and one of the fundamental problems in such a hospital as the Norfolk State Hospital is to determine the limit at which the additional expense incurred in

such individual treatment entails a financial burden which is excessive from the point of view of the taxpayer. The colony system apparently provides the best available compromise between the special treatment of the individual and the general collective life which is usual in institutions. Our experience has satisfied us that the further this colony life is extended, and the smaller the groups become, the better have been the results obtained by the hospital. Experience of eight years satisfies us that a cottage which is fitted for twenty-five patients gives the maximum of independence to the patient, which permits adequate central control, and a colony group of six such cottages constitutes a community which may be administered with reasonable economy.

During the past eight months the out-patient department has opened offices in Fall River, Lawrence, Salem, Brockton, New Bedford, Pittsfield, Greenfield, Northampton and Worcester. The welcome given to our physicians by the officers of the local courts, by governmental boards and charitable societies, together with their intelligent study of our program and their co-operation with our work, has been a source of stimulating encouragement. We believe that no money which has been spent by the State in the punishment to reform inebriates has shown a better return than the small sum which has been spent upon the establishment of these offices. By means of them it has become possible for our medical officers to explain the nature of the work performed by the hospital, to interest physicians in various communities whose attention might not otherwise have been directed to the hospital, to examine prospective patients near their own homes, to maintain associations with former patients after they leave the hospital, to assist local probation officers in the disposition of the cases under their charge, and to shorten the residence of many patients at the hospital. In no other way have the true service and duty of the hospital been brought so clearly to the attention of the courts, and this association of the hospital and courts will, we trust, be of mutual helpfulness. When the hospital was inaugurated, it was regarded by judges merely as a place of detention for hopeless inebriates. The broader duties of the hospital and of its medical staff in their relation to the treatment of inebriety by the Com-

monwealth are only now being recognized. We are confident that more and more its physicians and administrative officers will be summoned by courts to consult with them in regard to the disposition of the procession of inebriates who are daily brought before them. Some of the courts have already utilized the hospital in this way, and its officers are ready to respond to any call for further service of this character. We recommend the gradual extension of the out-patient system to the other larger cities of the State.

There has been a general reduction in the number of alcoholic patients at the hospital since the beginning of the summer. This reduction is apparently due to the unusual demand for labor throughout the Commonwealth. Men who might be unable to obtain or to hold positions in ordinary times have found no difficulty in getting work; in many cases the steadiness of their work has led them to a steadier form of life. Moreover, the ability to obtain work for patients as soon as they leave the hospital has made it possible for us to discharge patients at an earlier date than would have been practicable had employment not been so plentiful. These two causes have kept the daily average of alcoholic patients down to about 200, and allowed approximately \$9,925 of the maintenance fund, which has remained unspent, to revert to the treasury. On the other hand, the stricter enforcement of the drug laws and the higher cost of habit-forming drugs have made larger demands upon the beds which were available for drug patients. The men who have actually been treated by us represent only a small proportion of those who have applied for admission. The associations which institutional life necessarily involves, even though each group of patients be separated from each other group, make it necessary for a hospital of this character to decline all but the most favorable drug cases.

The care of both inebriates and drug habitués requires the employment of well-trained and efficient employees who have special interest and a practical training in the work. We have thus far been successful in procuring such employees. The continuance of the work, and consequently the success of the hospital, depends upon the sustained interest of these employees and the possibility of maintaining a long tenure of service of

efficient members of the staff. A gradual increase in pay with years of service is a wise expenditure, if it keeps such employees happy and effective in their work.

The superintendent's report shows in detail the results which the hospital has accomplished during this and the earlier years of its existence in so far as they may be shown in tabular form. In order that the value of statistics might be determined, the Board has had the records of all patients who have been admitted to the hospital summarized so as to show the evidence upon which statements in regard to the improvement of patients are based. From this summary it appears that in every case in which permanent improvement of the patient is noted in the superintendent's report, the patient has been seen at intervals of not more than three months during the time which elapsed between the date of his leaving the hospital and the date of the report. In other words, every record of improvement is based upon the personal knowledge of the medical officers of the hospital, and verified several times each year.

Following the custom of last year the superintendent has kept a special account which shows the financial value of all labor accomplished by the patients. From this account it appears that throughout the year a daily average of about 140 patients was engaged upon work of a constructive character. The value of this labor was approximately \$38,794, and represents a direct saving on maintenance expense for the year. It therefore follows that the sum of \$125,664.96, spent for maintenance of the hospital during 1916, would have been much more had not patient labor been utilized.

To complete the colonization plan as suggested by the Board of Trustees (chapter 111, Resolves of 1909), we ask for an appropriation to begin a colony for women. In part, the appropriation asked for is a renewal of the request of former years. Annexed to the original appropriation for one cottage is a request for a hospital building which would satisfactorily care for twenty women patients, and make provisions for the segregation of alcoholic and drug cases. The money asked for includes complete and adequate equipment.

Reasons for a Women's Colony. — At present there are no provisions for the woman inebriate. The Massachusetts Com-

mission on Mental Diseases has made temporary provision for the care of non-insane women inebriates at the Westborough State Hospital; they are desirous of discontinuing this as soon as practicable. The only other provision for women inebriates is the reformatory at Sherborn. In the former case they are treated in a hospital for the insane; in the latter case it is necessary, in order to secure treatment, that they receive sentence to a recognized prison.

The following appropriations are required for the hospital, and we respectfully recommend that the Legislature appropriate these sums: —

| | |
|---|-------------|
| 1. Hospital building and receiving wards for women, . . . | \$50,600 00 |
| 2. Cottage for women, | 27,839 00 |
| 3. Sewer and water construction, | 9,671 00 |
| 4. Outside wiring, | 600 00 |
| <hr/> | |
| Total, | \$88,710 00 |

Hospital Building and Receiving Wards for Women. — The building planned to be erected near the superintendent's house, approximately one mile distant from each existing colony, will be built of brick made by hospital labor. The building will accommodate twenty patients, furnishing appropriate segregation for drug and alcoholic inebriates. The plans provide for quarters for an assistant physician, diet and treatment rooms, a hydriatric department, rooms for nurses, physician's office, laboratory, kitchen and dining room. The estimate provides for furnishings and equipment.

Cottage for Women. — The cottage was asked for last year, and is a renewal of a request for an appropriation to provide accommodations for thirty women inebriates. The building will be built of brick made by hospital labor. The estimate provides for furnishings and equipment.

Sewer and Water Construction. — The appropriation for sewerage comprehends an adequate system and filter beds which will allow for all future extensions. The appropriation for water supply includes replacements of the present 2-inch supply pipe to the superintendent's house with a 4-inch cast-iron pipe, and a continuance of the line to the proposed cottage for women.

This will give a more abundant water supply and adequate fire protection for the superintendent's house, officers' quarters, proposed buildings for women and all future buildings which may be built in the vicinity. The greater part of the work will be done by hospital labor.

Outside Wiring. — The amount asked for provides for equipment to complete outside wiring to buildings for which appropriations are requested. The work will be done by hospital labor.

The Board desires to express its appreciation of the devoted service of the superintendent and other members of the medical staff, and the loyal interest of the other employees of the hospital and the out-patient department.

W. RODMAN PEABODY.

FRANK L. LOCKE.

ROBERT A. WOODS.

EDWIN MULREADY.

JAMES J. PHELAN.

PHILIP R. ALLEN.

OTHO L. SCHOFIELD, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

The following information concerns the movement of the population of the hospital for the year beginning Dec. 1, 1915, and ending Nov. 30, 1916. On Dec. 1, 1915, there were 255 patients in the hospital. During the year 1,080 were admitted. Of this number, 894, or 83 per cent., were voluntary, and 186, or 17 per cent., were committed. One hundred and thirty-six, or 13 per cent. of the total number of cases admitted, were under court probation or suspended sentence for habitual drunkenness or drug inebriety. One hundred and thirty-four of these men were admitted as voluntary cases, their admission to the hospital being one of the conditions of their probation. Nine hundred and thirty-five, or 87 per cent. of the admissions, were cases of alcoholism, and 145, or 13 per cent., were cases of drug addiction. Of the total number, 962, or 89 per cent., were new admissions,—men who had not previously been under treatment at the hospital. Three hundred and eighty-seven, or 36 per cent. of the total number of admissions, gave a history of one or more arrests for drunkenness. Ninety-nine, or 9 per cent., had served one or more sentences for drunkenness in a penal institution. One hundred and eighty-two, or 17 per cent., had been in other public or private institutions for treatment for alcoholism or drug habituation. Three hundred and seven cases were returned from visit, leave of absence and escape. The total number of cases under treatment was 1,387. As compared with the total number under treatment during the previous year there was a decrease of 92. During the year 50 cases of alcoholic delirium and 14 cases of insanity, of which alcohol was the direct or indirect cause, were treated at the hospital. Eight of these cases of insanity were subsequently transferred to State hospitals for the insane.

Fourteen hundred and twenty-six patients were discharged from the hospital. Ten deaths occurred; two of these were observation cases which were brought to the hospital in a moribund condition and not admitted as patients.

One case of diphtheria developed in a patient who had been in the hospital continuously for eight weeks. With the exception of this case the patients have been free from infectious or endemic diseases.

Three hundred and eighty-two men were received as observation cases. A total number of 1,294 days' board was furnished them. Eighty-one of these cases were subsequently admitted as voluntary patients. The majority of these cases were men who applied at the out-patient department, or were sent as emergency cases by physicians, the courts or from the out-patient clinics of other hospitals.

The continued experience of the hospital with drug cases has impressed us more forcibly with the importance of having buildings especially built and equipped for the appropriate medical treatment and nursing which such patients require. The prolonged care and oversight demanded by these cases during the convalescent period necessitate the exercise of disciplinary measures and an environment which will allow for diversified employment and recreation, together with the enforcement of requisite coercive measures applicable to the individual case.

From the opening of the Norfolk State Hospital June 1, 1914, to Nov. 30, 1916, 746 cases of drug addiction have been under treatment; 192 of these men were received as strictly emergency cases and were given emergency treatment; they, however, were not admitted as patients. Although it has been customary to make a differentiation of drug cases before their admission to the hospital, it has been found impossible in some of these emergency cases to make the required examination; therefore men of all types have been received. Some of these men have subsequently refused to take treatment, while in others it was apparent at the time that treatment was initiated that permanency of benefit could not be expected. The continued enforcement of the Federal law and the State law against the use of habit-forming drugs has perhaps been the cause of

the application of a number of men for admission to the hospital.

The extension of the out-patient work, and the inauguration of the subsidiary offices, has been an important development during the past year. In April, 1916, out-patient offices were opened at Fall River, Lawrence, Salem, Brockton, Worcester, Greenfield, Pittsfield and Northampton; in October an office was opened at New Bedford. These offices serve not only as centers where discharged patients may report, but assist materially in carrying out the principle of publicity and educational work, which is an important feature in the extension and development of the hospital.

The following is a summary of the work performed by the out-patient department during the year:—

| | |
|--|-------|
| Visits to offices by patients, | 3,187 |
| Clothing supplied to | 22 |
| Financial aid supplied to | 23 |
| Letters sent out, | 6,495 |
| Situations obtained, | 207 |
| Referred for employment, | 278 |
| Inquiries, | 834 |
| Consultations, | 1,091 |
| Visits to homes of patients, | 4,841 |

The following statistical table gives information concerning discharged patients for a seven-year period, beginning Oct. 1, 1909, and ending Oct. 1, 1916, verified to Jan. 1, 1917:—

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | From Oct. 1, 1914, to Oct. 1, 1915. | From Oct. 1, 1915, to Oct. 1, 1916. | Total. |
|---|--|--|--|--|--|--|--|--------|
| Abstinent, | 38 | 74 | 102 | 142 | 182 | 292 | 261 | 1,091 |
| Improved, drinking some, but working and earning livelihood. | 29 | 20 | 20 | 50 | 59 | 40 | 60 | 278 |
| Unimproved; not benefited by hospital treatment. | 126 | 145 | 124 | 137 | 94 | 150 | 97 | 873 |
| Patients not located; present condition un- known. | 131 | 191 | 275 | 375 | 377 | 449 | 274 | 2,072 |
| Died, | 27 | 27 | 34 | 44 | 37 | 26 | 15 | 210 |
| Insane, | 10 | 6 | 12 | 7 | 11 | 12 | 7 | 65 |
| | 361 | 463 | 567 | 755 | 760 | 969 | 714 | 4,589 |

The above table shows that we have been able to obtain histories of 2,517 discharged patients who have been under observation for a maximum period of seven years and a minimum period of six months. Ten hundred and ninety-one, or 43 per cent., are abstinent. Thirteen hundred and sixty-nine, or 50 per cent., are materially improved.

The following table gives in statistical form the number of hours which patients were employed under the different department heads, the estimated value of their labor and the gross and net cost of completed work: —

Table showing Value of Patients' Labor and Estimated Gross and Net Cost of Work in the Different Departments for Fiscal Year ending Nov. 30, 1916.

| DEPARTMENT. | Number of Patients' Hours. | Price per Hour (Cents). | Value of Patients' Labor. | Employees' Labor. | Hospital Teaming. | Materials. | Gross Cost. | Net Cost less Patients' Labor, Native Lumber and Teaming. |
|---|----------------------------------|-------------------------------|---------------------------------|----------------------|----------------------|------------|-------------|---|
| Carpenter, | 6,975 | 20 | \$1,395 | \$1,043 | - | \$2,233 | \$4,671 | \$3,026 |
| Construction, | 63,940 | 10 | 6,394 | 5,011 | \$2,963 | 1,960 | 16,328 | 6,971 |
| Engineer, | 21,800 | 10 | 2,180 | 1,564 | - | 6,021 | 9,765 | 7,585 |
| Farm and forestry, | 38,220 | 10 | 3,822 | - | - | - | - | - |
| Fish and game, | 17,200 | 15½ | 2,666 | - | - | - | - | - |
| Housemen, inside help, kitchen men and waiters, | 214,800 | 10 | 21,480 | - | - | - | - | - |
| Painter, | 4,285 | 20 | 857 | 824 | - | 647 | 2,328 | 1,471 |
| Totals, | 367,220 | - | \$38,794 | \$8,442 | \$2,963 | \$10,861 | \$33,092 | \$19,053 |

IRWIN H. NEFF, M.D.,
Superintendent.

VALUATION.

Nov. 30, 1916.

| | |
|--|---------------------|
| Land:— | |
| Grounds (120 acres), | \$6,627 40 |
| Woodland (240½ acres), | 10,602 98 |
| Mowing (50¾ acres), | 2,051 32 |
| Tillage (33 acres), | 1,663 73 |
| Orchard (14½ acres), | 586 09 |
| Pasture (211 acres), | 8,528 62 |
| Waste (424¾ acres), | 17,053 48 |
| Total (1,094½ acres), | <u>\$47,113 62</u> |
| Buildings:— | |
| Inmates, | \$116,208 00 |
| Employees, | 11,712 00 |
| Administration, | 99,509 00 |
| Farm, stable and grounds, | 21,144 00 |
| Heat, light and power, | 11,455 00 |
| Miscellaneous, | 64 00 |
| | <u>260,092 00</u> |
| Miscellaneous:— | |
| Equipment for heat, light and power, | \$21,930 00 |
| Heating system, | 16,792 00 |
| Hot-water system, | 182 00 |
| Sewerage system, | 3,597 00 |
| Subways, | 219 00 |
| Water system, | 11,482 00 |
| Equipment for laundry, | 2,751 00 |
| All other items, | 9,451 00 |
| | <u>66,404 00</u> |
| Inventory of personal property:— | |
| Grounds, | \$262 98 |
| Travel, office, etc., | 3,569 52 |
| Food, | 7,448 97 |
| Clothing, | 3,758 49 |
| Furnishings, | 32,768 88 |
| Heat, light and power, | 5,919 49 |
| Repairs, ordinary, | 12,171 42 |
| Farm and stable, | 15,564 53 |
| Medical and general care, | 3,713 20 |
| | <u>85,177 48</u> |
| Total, | <u>\$458,787 10</u> |

TREASURER'S REPORT.

To the Trustees of the Norfolk State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1916: —

| CASH ACCOUNT. | | |
|--|--------------|--------------|
| Balance Dec. 1, 1915, | | \$521 14 |
| <i>Receipts.</i> | | |
| <i>Institution Receipts.</i> | | |
| Board of inmates: — | | |
| Private, | \$820 16 | |
| Reimbursements, charitable, | 24 86 | |
| | <hr/> | \$845 02 |
| Sales: — | | |
| Travel, transportation and office expenses, | \$0 55 | |
| Food, | 32 61 | |
| Clothing and materials, | 33 51 | |
| Furnishings and household supplies, | 2 00 | |
| Medical and general care, | 7 54 | |
| Heat, light and power, | 8 55 | |
| Farm and stable: — | | |
| Cows and calves, | \$15 00 | |
| Hides, | 41 37 | |
| Sundries, | 117 44 | |
| | <hr/> | 173 81 |
| Repairs, ordinary, | 2,051 91 | |
| | <hr/> | 2,310 48 |
| Miscellaneous receipts: — | | |
| Interest on bank balances, | \$159 36 | |
| Out-patient department, | 25 00 | |
| Sundries, | 41 21 | |
| | <hr/> | 225 57 |
| | <hr/> | 3,381 07 |
| <i>Receipts from Treasury of Commonwealth.</i> | | |
| Maintenance appropriations: — | | |
| Balance of 1915, | \$3,509 62 | |
| Advance money (amount on hand November 30), | 7,710 44 | |
| Approved schedules of 1916 (hospital), | \$109,106 52 | |
| Approved schedules of 1916 (out-patient department), | 7,623 78 | |
| | <hr/> | 116,730 30 |
| | <hr/> | 127,950 36 |
| Special appropriations, | | 68,759 53 |
| | | <hr/> |
| Total, | | \$200,612 10 |

Payments.

| | | |
|--|------------|--------------------|
| To treasury of Commonwealth, institution receipts, | | \$3,381 07 |
| Maintenance appropriations: — | | |
| Balance November schedule, 1915, | \$4,030 76 | |
| Eleven months' schedules, 1916 (hospital), | 109,106 52 | |
| Eleven months' schedules, 1916 (out-patient department), | 7,623 78 | |
| November advances (hospital), | 6,141 04 | |
| November advances (out-patient department), | 686 88 | |
| | <hr/> | 127,588 98 |
| Special appropriations: — | | |
| Approved schedules, | | 68,759 53 |
| Balance, Nov. 30, 1916: — | | |
| In bank, | \$411 18 | |
| In office, | 471 34 | |
| | <hr/> | 882 52 |
| Total, | | <hr/> \$200,612 10 |

MAINTENANCE.

| | | |
|--|--------------|------------------|
| Appropriation, current year, | \$135,575 00 | |
| Balance from previous year, brought forward, | 15 47 | |
| | <hr/> | \$135,590 47 |
| Total, | | |
| Expenses (as analyzed below) (hospital), | \$117,256 77 | |
| Expenses (as analyzed below) (out-patient department), | 8,408 19 | |
| | <hr/> | 125,664 96 |
| Balance reverting to treasury of Commonwealth, | | <hr/> \$9,925 51 |

Analysis of Expenses.

| | | |
|--|------------|-------------|
| Salaries, wages: — | | |
| Irwin H. Neff, M.D., superintendent, | \$4,500 00 | |
| General administration, | 19,141 67 | |
| Medical service, | 4,610 00 | |
| Ward service (male), | 7,264 13 | |
| Repairs, | 5,259 21 | |
| Farm and stable, | 4,810 88 | |
| Grounds, | 379 67 | |
| Out-patient department, | 4,954 25 | |
| | <hr/> | \$50,919 81 |
| Religious instruction: — | | |
| Catholic, | \$565 00 | |
| Protestant, | 480 96 | |
| | <hr/> | 1,045 96 |
| Travel, transportation and office expenses: — | | |
| Automobiles, | \$400 00 | |
| Automobile repairs and supplies, | 2,023 53 | |
| Postage, | 345 33 | |
| Printing and binding, | 303 25 | |
| Printing annual report, | 109 93 | |
| Stationery and office supplies, | 553 19 | |
| | <hr/> | |
| Amounts carried forward, | \$3,735 23 | \$51,965 77 |

| | | |
|--|------------|-------------|
| <i>Amounts brought forward,</i> | \$3,735 23 | \$51,965 77 |
| Travel, transportation and office expenses — <i>Con.</i> | | |
| Telephone and telegraph, | 577 10 | |
| Travel, | 372 77 | |
| Freight, | 33 90 | |
| | | 4,719 00 |
| Food: — | | |
| Butter, | \$398 39 | |
| Butterine, | 1,257 56 | |
| Beans, | 743 67 | |
| Bread crackers,, etc., | 43 53 | |
| Canned soups, | 41 49 | |
| Cereals, rice, meal, etc., | 426 65 | |
| Cheese, | 632 83 | |
| Eggs, | 2,100 80 | |
| Flour, | 1,502 31 | |
| Fish (fresh, cured and canned), | 1,170 29 | |
| Fruit (fresh), | 241 90 | |
| Fruit (dried and preserved), | 752 79 | |
| Lard and substitutes, | 563 05 | |
| Macaroni and spaghetti, | 70 55 | |
| Meats, | 7,992 98 | |
| Milk (fresh and substitutes), | 143 55 | |
| Molasses and syrups, | 72 62 | |
| Peanut butter, pie filling, etc., | 137 94 | |
| Potatoes, | 617 54 | |
| Seasonings and condiments, | 383 53 | |
| Sugar, | 2,158 46 | |
| Tea, coffee, cocoa, etc., | 1,115 47 | |
| Vegetables (fresh), | 694 22 | |
| Vegetables (canned and dried), | 472 65 | |
| Yeast, baking powder, etc., | 226 38 | |
| Sundries, | 12 74 | |
| Freight, | 296 14 | |
| | | 24,270 03 |
| Clothing and materials: — | | |
| Boots, shoes and rubbers, | \$1,806 66 | |
| Clothing (outer), | 2,073 93 | |
| Clothing (under), | 324 26 | |
| Dry goods for clothing, | 89 68 | |
| Hats and caps, | 52 75 | |
| Leather and shoe findings, | 249 28 | |
| Socks and smallwares, | 238 81 | |
| Freight, | 21 89 | |
| | | 4,857 26 |
| Furnishings and household supplies: — | | |
| Beds, bedding, etc., | \$1,191 61 | |
| Carpets, rugs, etc., | 365 06 | |
| Crockery, glassware, cutlery, etc., | 362 77 | |
| Dry goods and smallwares, | 419 23 | |
| Fire hose and extinguishers, | 46 97 | |
| Furniture, upholstery, etc., | 425 50 | |
| Kitchen and household wares, | 1,362 87 | |
| Laundry supplies and materials, | 309 44 | |
| <i>Amounts carried forward,</i> | \$4,483 45 | \$85,812 06 |

| | | |
|---|-------------|--------------|
| <i>Amounts brought forward,</i> | \$4,483 45 | \$85,812 06 |
| Furnishings and household supplies — <i>Con.</i> | | |
| Lavatory supplies and disinfectants, | 726 69 | |
| Table linen, paper napkins, towels, etc., | 207 94 | |
| Freight, | 83 62 | |
| | | 5,501 70 |
| Medical and general care: — | | |
| Hospital: — | | |
| Books, periodicals, etc., | \$357 72 | |
| Entertainments, games, etc., | 844 60 | |
| Funeral expenses, | 20 00 | |
| Gratuities, | 823 05 | |
| Ice and refrigeration, | 127 10 | |
| Laboratory supplies and apparatus, | 92 95 | |
| Medicines (supplies and apparatus), | 582 08 | |
| Medical attendance (extra), | 43 50 | |
| Sputum cups, etc., | 9 00 | |
| Tobacco, pipes, matches, | 1,176 34 | |
| Sundries, | 11 78 | |
| Freight, | 68 64 | |
| | | 4,156 76 |
| Out-patient department: — | | |
| Fuel, | \$102 75 | |
| Janitor service, | 27 75 | |
| Janitor supplies, | 10 97 | |
| Light, | 45 83 | |
| Office furniture, etc., | 91 06 | |
| Postage, | 202 54 | |
| Printing, | 108 01 | |
| Rent, | 865 00 | |
| Stationery and office supplies, | 37 52 | |
| Telephone and telegraph, | 141 09 | |
| Traveling expenses, | 1,805 14 | |
| Water, | 8 00 | |
| Freight, | 8 28 | |
| | | 3,453 94 |
| | | 7,610 70 |
| Heat, light and power: — | | |
| Coal, | \$11,309 01 | |
| Freight on coal and other expenses, | 598 35 | |
| Electricity, | 194 65 | |
| Oil, | 268 38 | |
| Operating supplies for boilers and engines, | 395 17 | |
| Sundries, | 29 00 | |
| Freight, | 13 33 | |
| | | 12,807 89 |
| Farm and stable: — | | |
| Bedding materials, | \$18 00 | |
| Blacksmithing and supplies, | 269 55 | |
| Carriages, wagons and repairs, | 96 35 | |
| Dairy equipment and supplies, | 595 59 | |
| Fencing materials, | 3 35 | |
| | | |
| <i>Amounts carried forward,</i> | \$982 84 | \$111,732 35 |

| | | | |
|---|-------------|----------|-------------------|
| <i>Amounts brought forward,</i> | | \$982 84 | \$111,732 35 |
| Farm and stable — <i>Con.</i> | | | |
| Fertilizers, | | 1,186 23 | |
| Grain, etc., | | 2,944 60 | |
| Hay, | | 1,046 43 | |
| Harnesses and repairs, | | 29 64 | |
| Other live stock, | | 29 00 | |
| Rent, | | 16 57 | |
| Spraying materials, | | 63 81 | |
| Stable and barn supplies, | | 156 66 | |
| Tools, implements, machines, etc., | | 95 96 | |
| Trees, vines, seeds, etc., | | 564 40 | |
| Veterinary services, supplies, etc., | | 187 60 | |
| Sundries, | | 13 57 | |
| Freight, | | 35 65 | |
| | | | 7,352 96 |
| Grounds: — | | | |
| Rent, | | \$360 00 | |
| Road work and materials, | | 37 50 | |
| Tools, implements, machines, etc., | | 61 71 | |
| Trees, vines, shrubs, seeds, etc., | | 240 74 | |
| Sundries, | | 236 30 | |
| Freight, | | 3 53 | |
| | | | 939 78 |
| Repairs, ordinary: — | | | |
| Brick, | | \$31 68 | |
| Cement, lime, crushed stone, etc., | | 914 60 | |
| Electrical work and supplies, | | 562 06 | |
| Hardware, iron, steel, etc., | | 555 09 | |
| Lumber, etc. (including finished products), | | 827 15 | |
| Paint, oil, glass, etc., | | 655 56 | |
| Plumbing and supplies, | | 208 10 | |
| Roofing and materials, | | 80 85 | |
| Steam fittings and supplies, | | 621 98 | |
| Tents, awnings, etc., | | 44 89 | |
| Tools, machines, etc., | | 601 28 | |
| Boilers, repairs, | | 96 64 | |
| Dynamos, repairs, | | 158 45 | |
| Engines, repairs, | | 70 00 | |
| Sundries, | | 75 27 | |
| Freight, | | 136 27 | |
| | | | 5,639 87 |
| Total expenses for maintenance, | | | 125,664 96 |
| SPECIAL APPROPRIATIONS. | | | |
| Balance Dec. 1, 1915, | | | \$73,513 86 |
| Appropriations for fiscal year, | | | 4,000 00 |
| | | | |
| Total, | | | \$77,513 86 |
| Expended during the year (see statement annexed), | \$69,770 89 | | |
| Reverting to treasury of Commonwealth, | 23 33 | | |
| | | | 69,794 22 |
| Balance Nov. 30, 1916, | | | \$7,719 64 |

RESOURCES AND LIABILITIES.

Resources.

| | | |
|--|------------|------------|
| Cash on hand, | \$882 52 | |
| November cash vouchers (paid from advance money), account of maintenance (hospital), | \$6,141 04 | |
| November cash vouchers (paid from advance money), account of maintenance (out-patient department), | 686 88 | |
| | <hr/> | 6,827 92 |
| Due from treasury of Commonwealth from available appropriation account November, 1916, schedules, | 1,224 22 | |
| | <hr/> | \$8,934 66 |

Liabilities.

| | | |
|--|------------|------------|
| Schedule of November bills (hospital), | \$8,150 25 | |
| Schedule of November bills (out-patient department), | 784 41 | |
| | <hr/> | \$8,934 66 |

PER CAPITA.

During the year the average number of inmates has been (including observation cases) 198.38.

Total cost for maintenance (including expenses of out-patient department), \$125,664.96.

Equal to a weekly per capita cost of \$12.1818.

Receipt from sales, \$2,310.48.

Equal to a weekly per capita of \$0.2239.

All other institution receipts, \$1,070.59.

Equal to a weekly per capita of \$0.1037.

Special Appropriations.

| OBJECT. | Act or Resolve. | Whole Amount. | Expended during Fiscal Year. | Expended to Date. | Balance at End of Year. |
|---|-----------------------|-----------------------|------------------------------|-------------------|-------------------------|
| Land purchase. | Acts 1910, chap. 635. | \$50,000 00 | — | \$49,766 47 | \$233 53 |
| Trestle and spur track, | Res. 1914, chap. 142. | 4,000 00 | \$193 12 | 3,064 11 | 935 89 |
| Five cottages for men, | Res. 1915, chap. 145. | 43,000 00 | 38,342 91 | 42,241 58 | 758 42 |
| Dining-room building, | Res. 1915, chap. 145. | 18,000 00 | 14,226 13 | 17,996 67 | 3 33 ¹ |
| Connections with central heating plant, | Res. 1915, chap. 145. | 21,000 00 | 12,430 52 | 20,980 00 | 20 00 ¹ |
| Sewer and water construction, | Res. 1915, chap. 145. | 3,000 00 | 771 24 | 2,299 58 | 700 42 |
| Outside wiring, | Res. 1915, chap. 145. | 1,000 00 | 922 12 | 1,000 00 | — |
| Additional land, | Res. 1915, chap. 145. | 5,000 00 ² | 1,574 38 | 3,905 65 | 1,094 35 |
| Hydriatic department, | Res. 1915, chap. 145. | 2,500 00 | 1,307 50 | 2,500 00 | — |
| Barn and storage house, | Res. 1916, chap. 97. | 4,000 00 | 2 97 | 2 97 | 3,997 03 |
| | | \$151,500 00 | \$69,770 89 | \$143,757 03 | \$7,719 64 |

¹ Reverting to treasury of the Commonwealth.

² Paid direct from State treasury, \$1,011.36.

Respectfully submitted,

IRWIN H. NEFF,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,
Auditor.

STATISTICAL TABLES.

[FORM PRESCRIBED BY THE STATE BOARD OF CHARITY.]

GENERAL STATISTICS.

TABLE NO. 1. — *General Statistics for Year.*

| | |
|---|-------|
| Patients in hospital Dec. 1, 1915, | 255 |
| Admissions within the year, | 1,868 |
| By commitment, | 186 |
| Voluntary, | 894 |
| By return from leave of absence of previous years, | 22 |
| By return from escape of previous years, | 1 |
| By return from visit of previous years, | 106 |
| Nominally for discharge, | 659 |
| Whole number of cases within the year, | 2,123 |
| Final discharges within the year, | 957 |
| By death while in hospital, | 8 |
| By death while on leave of absence, | — |
| By death while on visit, | — |
| By death, escaped, | — |
| As insane, | 8 |
| By time limit while in hospital, | 2 |
| By time limit while on leave of absence, | 103 |
| By time limit, escaped, | 1 |
| “As not to be benefited by further treatment” while in hospital, | 266 |
| “As not to be benefited by further treatment” while on leave of absence, | 6 |
| “As not to be benefited by further treatment” while on visit, | 7 |
| “As not to be benefited by further treatment” while on escape, | 1 |
| Expiration of visit, | 555 |
| Deported, | — |
| Patients absent, not finally discharged, dismissed in 1916, | 958 |
| Leave of absence, | 163 |
| Escape, | 5 |
| Visit, | 790 |

TABLE NO. 1. — *General Statistics for Year* — Concluded.

| | |
|---|--------|
| Patients absent, not finally discharged, dismissed in previous years, | 132 |
| Leave of absence, | 117 |
| Escaped, | 15 |
| Patients remaining in hospital, Dec. 1, 1916, | 208 |
| Viz.: State patients, | 205 |
| Private patients, | 3 |
| Reimbursing patients, | — |
| Number of different persons admitted, | 1,453 |
| Number of different persons dismissed, | 1,337 |
| Daily average number of patients (including observation cases), | 198.38 |
| Viz.: State patients (including observation cases), | 195.65 |
| Private patients, | 2.73 |
| Reimbursing patients, | — |

TABLE NO. 3.—*Received on First and Subsequent Commitments.*

| | |
|-----------------------------|-------|
| First, | 962 |
| Second, | 112 |
| Third, | 6 |
| Total of cases, | 1,080 |
| Total of persons, | 1,069 |

TABLE NO. 4.—*Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|-------------------------------------|----------|---------|---------|
| Massachusetts, | 654 | 196 | 199 |
| Other New England States, | 68 | 86 | 85 |
| Other States, | 67 | 56 | 55 |
| Total native, | 789 | 338 | 339 |
| Ireland, | 66 | 405 | 408 |
| Canada, | 54 | 96 | 90 |
| England, | 19 | 42 | 43 |
| Germany, | 2 | 16 | 18 |
| Scotland, | 10 | 22 | 20 |
| Sweden, | 9 | 14 | 14 |
| France, | 1 | 1 | 1 |
| Russia, | 3 | 7 | 8 |
| Azores, | 1 | — | 1 |
| Brazil, | — | 1 | — |
| Italy, | 2 | 6 | 7 |
| Unknown, | — | 3 | 4 |
| Norway, | 2 | 2 | 2 |
| Austria, | 2 | 2 | 2 |
| Australia, | 2 | 1 | 1 |
| Holland, | — | 1 | 1 |
| Switzerland, | — | — | 1 |
| Denmark, | — | — | 2 |
| Spain, | — | 1 | — |
| Wales, | — | 1 | — |
| Total foreign, | 173 | 624 | 623 |
| Total, | 962 | 962 | 962 |

TABLE No. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 469 |
| Essex County, | 80 |
| Bristol County, | 32 |
| Middlesex County, | 120 |
| Plymouth County, | 44 |
| Worcester County, | 55 |
| Norfolk County, | 39 |
| Hampden County, | 77 |
| Franklin County, | 2 |
| Hampshire County, | 10 |
| Barnstable County, | 2 |
| Berkshire County, | 31 |
| Dukes County, | 1 |
| Total, | 962 |
| Cities and large towns over 10,000, | 858 |
| Country districts under 10,000, | 104 |

TABLE No. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Single. | Married. | Widowers. | Divorced. | Total. |
|------------------------|---------|----------|-----------|-----------|--------|
| First, | 554 | 325 | 62 | 21 | 962 |
| Total cases, | 554 | 325 | 62 | 21 | 962 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|---------------------------|------------|------------|--------|-------------------------------|------------|------------|--------|
| Abington, | 2 | 2 | 4 | Lawrence, | 8 | — | 8 |
| Adams, | — | 3 | 3 | Leominster, | 4 | 2 | 6 |
| Arlington, | 3 | — | 3 | Lexington, | — | 1 | 1 |
| Ashburnham, | 1 | — | 1 | Longmeadow, | 1 | — | 1 |
| Ashland, | — | 1 | 1 | Lowell, | 7 | 4 | 11 |
| Athol, | 1 | 1 | 2 | Lynn, | 14 | — | 14 |
| Attleboro, | 3 | 1 | 4 | Malden, | 4 | 2 | 6 |
| Avon, | 1 | — | 1 | Mansfield, | 1 | — | 1 |
| Barre, | 1 | — | 1 | Marblehead, | 1 | — | 1 |
| Bellingham, | 1 | — | 1 | Marlborough, | 6 | 1 | 7 |
| Belmont, | 2 | — | 2 | Marshfield, | 1 | — | 1 |
| Beverly, | — | 2 | 2 | Maynard, | 1 | — | 1 |
| Boston, | 421 | 16 | 437 | Medford, | 2 | 1 | 3 |
| Bourne, | 1 | — | 1 | Melrose, | 1 | — | 1 |
| Braintree, | 1 | 1 | 2 | Milford, | 10 | 2 | 12 |
| Bridgewater, | 2 | — | 2 | Millis, | 1 | — | 1 |
| Brockton, | 23 | 1 | 24 | Natick, | 2 | 9 | 11 |
| Brookline, | 7 | — | 7 | New Bedford, | 4 | 1 | 5 |
| Cambridge, | 22 | 2 | 24 | Newburyport, | — | 1 | 1 |
| Chelsea, | 17 | 15 | 32 | Newton, | 2 | — | 2 |
| Chicopee, | 2 | — | 2 | Newtonville, | 1 | — | 1 |
| Clinton, | — | 1 | 1 | North Abington, | — | 1 | 1 |
| Cohasset, | 1 | — | 1 | North Adams, | — | 1 | 1 |
| Concord, | 1 | — | 1 | Northampton, | 2 | 1 | 3 |
| Danvers, | — | 3 | 3 | North Attleborough, | 4 | — | 4 |
| Easthampton, | 1 | 2 | 3 | North Brookfield, | 1 | — | 1 |
| East Weymouth, | 1 | — | 1 | North Raynham, | 1 | — | 1 |
| Everett, | 3 | — | 3 | North Wilbraham, | 1 | — | 1 |
| Fall River, | 2 | 5 | 7 | Norwood, | 4 | 1 | 5 |
| Fitchburg, | 2 | 1 | 3 | Oak Bluffs, | — | 1 | 1 |
| Florence, | 1 | — | 1 | Peabody, | — | 4 | 4 |
| Foxborough, | 1 | — | 1 | Pittsfield, | 26 | — | 26 |
| Framingham, | — | 3 | 3 | Plymouth, | 2 | — | 2 |
| Franklin, | 1 | — | 1 | Plympton, | 1 | — | 1 |
| Gloucester, | — | 4 | 4 | Quincy, | 9 | 1 | 10 |
| Granby, | — | 1 | 1 | Randolph, | 3 | — | 3 |
| Greenfield, | 1 | — | 1 | Revere, | 2 | 1 | 3 |
| Hamilton, | 1 | — | 1 | Rockland, | 1 | 3 | 4 |
| Haverhill, | 5 | — | 5 | Rockport, | — | 2 | 2 |
| Holbrook, | — | 1 | 1 | Rowe, | 1 | — | 1 |
| Holliston, | 1 | — | 1 | Salem, | 1 | 31 | 32 |
| Hopkinton, | 1 | — | 1 | Sharon, | — | 1 | 1 |
| Holyoke, | 2 | — | 2 | South Framingham, | 1 | — | 1 |
| Hyannis, | 1 | — | 1 | Somerville, | 19 | — | 19 |
| Indian Orchard, | 1 | — | 1 | Southborough, | 1 | — | 1 |
| Lakeville, | — | 1 | 1 | South Hanson, | 1 | — | 1 |

TABLE NO. 7. — *Town Residence of Persons first committed* — Concluded.

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|--------------------|------------|------------|--------|---------------------|------------|------------|--------|
| Southwick, . . . | — | 1 | 1 | Webster, . . . | — | 2 | 2 |
| Springfield, . . . | 62 | — | 62 | Wellesley, . . . | 2 | — | 2 |
| Stockbridge, . . . | 1 | — | 1 | Westborough, . . . | 1 | 2 | 3 |
| Stoneham, . . . | 1 | — | 1 | Westfield, . . . | 3 | 1 | 4 |
| Taunton, . . . | 5 | 6 | 11 | West Newton, . . . | 1 | — | 1 |
| Upton, . . . | 1 | 1 | 2 | West Rutland, . . . | 1 | — | 1 |
| Uxbridge, . . . | 1 | — | 1 | Whitman, . . . | — | 2 | 2 |
| Wakefield, . . . | 1 | — | 1 | Winchendon, . . . | — | 3 | 3 |
| Walpole, . . . | 2 | — | 2 | Winthrop, . . . | 1 | — | 1 |
| Waltham, . . . | 4 | 4 | 8 | Woburn, . . . | 2 | — | 2 |
| Ware, . . . | 1 | 1 | 2 | Worcester, . . . | 13 | 1 | 14 |
| Warren, . . . | 1 | — | 1 | | | | |
| Watertown, . . . | 3 | 1 | 4 | Totals, . . . | 797 | 165 | 962 |
| Wayland, . . . | — | 1 | 1 | | | | |

TABLE NO. 8. — *Occupations of Persons first committed.*

| | | | |
|-------------------------------|----|-------------------------------|-----|
| Accountants, | 5 | Housemen, | 2 |
| Actors, | 2 | Icemen, | 2 |
| Awning maker, | 1 | Interior decorator, | 1 |
| Bakers, | 5 | Inventor, | 1 |
| Barbers, | 13 | Janitors, | 5 |
| Bartenders, | 13 | Jewelers, | 7 |
| Bell boys, | 2 | Journalist, | 1 |
| Blacksmiths, | 6 | Laborers, | 109 |
| Boiler makers, | 2 | Lathers, | 2 |
| Bookbinders, | 2 | Laundrymen, | 4 |
| Bookkeepers, | 7 | Lawyer, | 1 |
| Box makers, | 4 | Leather workers, | 8 |
| Brakemen, | 5 | Letter carriers, | 2 |
| Bricklayers, | 7 | Linotype operators, | 3 |
| Brokers, | 6 | Longshoremen, | 2 |
| Cable layer, | 1 | Lumberman, | 1 |
| Carpenters, | 21 | Machinists, | 52 |
| Carpet layer, | 1 | Manufacturers, | 5 |
| Chauffeurs, | 5 | Masons, | 6 |
| Clerks, | 58 | Mattress maker, | 1 |
| Cigar makers, | 4 | Meat cutters, | 10 |
| Civil engineers, | 3 | Mechanics, | 7 |
| Comb maker, | 1 | Merchants, | 2 |
| Compass maker, | 1 | Messenger, | 1 |
| Conductor, | 1 | Metal polishers, | 7 |
| Cooks, | 12 | Molders, | 13 |
| Dentists, | 3 | Musician, | 1 |
| Druggists, | 3 | Nail maker, | 1 |
| Electricians, | 8 | None, | 6 |
| Elevator man, | 1 | Nurses, | 4 |
| Engineers, | 13 | Optician, | 1 |
| Farmers, | 5 | Painters, | 46 |
| Factory employees, | 17 | Paper makers, | 4 |
| Firemen, | 9 | Pattern maker, | 1 |
| Florists, | 2 | Peddlers, | 4 |
| Fur dresser, | 1 | Physicians, | 3 |
| Gardener, | 1 | Plumbers, | 14 |
| Gas fitters, | 2 | Porters, | 3 |
| Glassmaker, | 1 | Printers, | 20 |
| Hardwood finishers, | 3 | Proofreader, | 1 |
| Hotel keepers, | 2 | Public reader, | 1 |

TABLE NO. 8. — *Occupations of Persons first committed* — Concluded.

| | | | |
|--------------------------------|----|-------------------------------|-----|
| Reporter, | 1 | Tailors, | 8 |
| Roofers, | 10 | Teamsters, | 74 |
| Rubber workers, | 7 | Telegrapher, | 1 |
| Sailors, | 3 | Telephone operator, | 1 |
| Salesmen, | 52 | Tinsmith, | 1 |
| Sheet-metal workers, | 2 | Toolmaker, | 1 |
| Shippers, | 2 | Undertakers, | 2 |
| Shoe cutters, | 10 | Upholsterers, | 2 |
| Shoe workers, | 76 | Waiters, | 40 |
| Sign painters, | 5 | Watchmen, | 4 |
| Solicitors, | 5 | Weavers, | 4 |
| Stablemen, | 6 | Wireworker, | 1 |
| Steam fitters, | 8 | Woodworkers, | 3 |
| Steward, | 1 | | |
| Stone cutters, | 6 | Total, | 962 |
| Stage hands, | 2 | | |

TABLE NO. 9. — *Ages at First Attack, Admission and Death.*

| AGES. | FIRST COMMITTED. | | DIED. | |
|------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | 3 | — | — | — |
| From 15 to 20 years, | 149 | 9 | — | — |
| 20 to 25 years, | 266 | 75 | 1 | — |
| 25 to 30 years, | 247 | 151 | 4 | — |
| 30 to 35 years, | 168 | 178 | 1 | 1 |
| 35 to 40 years, | 91 | 146 | 1 | 1 |
| 40 to 45 years, | 27 | 159 | — | 2 |
| 45 to 50 years, | 8 | 108 | 1 | 3 |
| 50 to 55 years, | 1 | 72 | — | — |
| 55 to 60 years, | — | 44 | — | 1 |
| 60 to 70 years, | 1 | 19 | — | — |
| 70 to 80 years, | 1 | 1 | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 962 | 962 | 8 | 8 |
| Average ages, | 27.05 | 38.22 | 31.25 | 44.38 |

TABLE NO. 10. — *Probable Duration of Inebriety before Admission in Persons first committed.*

| | |
|--|-------|
| Under 1 year, | — |
| From 1 to 2 years, | 32 |
| 2 to 3 years, | 30 |
| 3 to 4 years, | 34 |
| 4 to 5 years, | 71 |
| 5 to 6 years, | 93 |
| 6 to 7 years, | 63 |
| 7 to 8 years, | 49 |
| 8 to 9 years, | 37 |
| 9 to 10 years, | 64 |
| 10 to 15 years, | 255 |
| 15 to 20 years, | 148 |
| Over 20 years, | 86 |
| Total, | 962 |
| Average known duration (in years), | 10.68 |

TABLE No. 11. — *Causes of Death.*

| | |
|--|---|
| Alcoholic cirrhosis of liver, | 1 |
| Cerebral hemorrhage, | 1 |
| Alcoholic toxæmia and pneumonia (terminal), | 1 |
| Cancer of stomach and cancer of liver, | 1 |
| Alcoholic toxæmia and cerebral cedema, | 1 |
| Pulmonary tuberculosis, | 1 |
| Mitral regurgitation and chronic interstitial nephritis, | 1 |
| Alcoholic toxæmia and delirium tremens, | 1 |
| Total, | 8 |

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No. 106

FOURTH ANNUAL REPORT
OF THE
TRUSTEES
OF THE
NORFOLK STATE HOSPITAL,
FOR THE YEAR ENDING NOVEMBER 30, 1917.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
32 DERNE STREET.
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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

W. RODMAN PEABODY, *Chairman.*
FRANK L. LOCKE, *Secretary.*
ROBERT A. WOODS.
EDWIN MULREADY.
PHILIP R. ALLEN.
LOMBARD WILLIAMS.
OTHO L. SCHOFIELD, M.D.

RESIDENT OFFICERS.

IRWIN H. NEFF, M.D., *Superintendent.*
FREDERICK P. MOORE, M.D., . . . *First Assistant Physician.*
CHARLES M. FLAGG, M.D., *Second Assistant Physician.*

SOLOMON H. RUBIN, M.D., *Acting Physician to Out-
patient Department.*
THOMAS F. FOSS, *Assistant to Out-patient
Department.*

NELSON CROSSKILL, *Steward.*

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

The trustees of the Norfolk State Hospital have the honor to present herewith their fourth annual report.

In certain respects the past year has been the most interesting and most rewarding in the history of the hospital. The steady growth of the out-patient department, and the organization of out-patient offices upon a comprehensive plan at strategic points throughout the Commonwealth, has given the hospital the opportunity not only to select among the many applicants those inebriates as patients who would be most likely to find benefit from treatment at the hospital, and to follow them as out-patients after their residence had terminated, but also to care for an increased number of men who are addicted to the use of alcohol, and who, for special reasons, could not undergo treatment at the hospital. There are now 28 out-patient offices at which representatives of the hospital maintain regular office hours. Approximately 175 patients who have not been at Norfolk have received a regular course of treatment as out-patients during the year. The extension and organization of the out-patient department, moreover, have brought the hospital staff into permanent and organized relationship with the trial courts in the Commonwealth, and with the various charitable and relief societies, whose work brings them into association with the families of inebriates. It has become a general custom to hold conferences at many of the out-patient offices upon the day when the member of our general staff is present. Representatives of the local charitable

societies, church workers and court officials come to present their special problems, and to obtain advice in regard to the disposition or treatment of cases in which drink is the fundamental or contributing cause of distress. During the past year the New England Society of Psychiatry, the Norfolk District Medical Society and social workers of the Associated Charities, Boston hospitals and other organizations, as well as the Association of Municipal District Court Judges, held meetings at the hospital. Our medical staff was given opportunity to present to the judges of those courts which are most closely concerned with the inebriate problem a detailed description of the facilities of the hospital and of its program of administration. This conference has already proved of substantial value. The practical co-operation between certain of the courts and the hospital, which has resulted from it, has been most gratifying to our medical staff.

Of the 1,500 patients who have been in actual residence at the hospital during the past year, approximately 35 per cent. are now at work and supporting themselves and their families. About 250 former patients of the hospital are in the military service of the United States.

The extension of the out-patient system, in addition to facilitating the elimination of undesirable persons before they reach the hospital, has made possible in the great majority of cases a shorter term of treatment at the hospital. The term of an average patient at Norfolk has decreased from seven weeks in 1914 to four weeks in 1917. Patients who formerly were detained at the hospital until the immediate danger of relapse seemed to have disappeared are now permitted to go home upon the condition that they will report regularly at the out-patient office, and thus they are able to obtain work and support their families during the critical weeks of their rehabilitation.

A striking feature of the year's work has been a discovery which was made at Norfolk, in common with other institutions for the care of inebriates, that excessive drinking diminishes directly with opportunity for continuous work. When men are out of work, or discouraged, or poor, a certain proportion turn to excessive drinking. With such a demand for labor at high

wages as has been current during the last year, the number of men who drink to excess is proportionately very much smaller. This fact, combined with the fact that during this time of scarcity of labor employers will keep at work men who drink to such extent that the employer would attempt to replace them in ordinary times with men who are habitually sober, has caused the number of patients at the hospital to decrease materially. It has been found possible, therefore, to close some of the cottages and to dismiss a certain portion of our permanent force. We are satisfied, however, that the present condition is but temporary, and that the hospital will be occupied to its full capacity when business and the relation of the supply and demand of labor again becomes normal.

On the other hand, the Board recognizes that a hospital which has 250 beds vacant out of a possible patient population of 400 is not providing the largest service to the Commonwealth of which it is capable. The hospital staff has, during its decade of special experience, come to have a quite unique acquaintance with those nervous disorders which in so many cases underlie the addiction to alcohol. It is an increasing conviction of the Board that the hospital should look forward to a broad responsibility for work of physical and mental reconstruction in cases where productive efficiency has temporarily been lost by such disorders, short of any suggestion of insanity, and not associated with any dependence upon narcotics. It was from this point of view that the Board expressed to the Governor an earnest hope that the staff and facilities of the hospital might, so far as practicable, be placed at the disposal of the national government for the care of the numerous and serious cases of nervous shock which will be sent from the front as soon as the American army becomes actually involved in hostilities. It is interesting to note that the treatment given at Norfolk to patients whose nerves were shattered by the excessive use of alcohol was practically identical with that treatment which has been found most successful in the English hospitals for restoring men who had suffered nervous breakdowns from their experience in the trenches. The hospital has been placed upon the list of reserve hospitals which might

be available to the government for the care of soldiers who are invalided home, and we hope that it may be possible that the hospital, so admirably adapted to the precise purpose, may be drawn into this vital national service.

While such a use would seem most appropriate for accommodations not at present drawn upon under extraordinary war-time conditions, the trustees stand entirely ready for such other use of the temporarily vacant quarters as the needs and interests of the State may indicate. It has been suggested that the buildings assigned to the purposes of a detention colony of alcoholics might be utilized provisionally for a group of 150 feeble-minded boys. The Board and staff are prepared to assume this responsibility. We would, however, call attention to the fact that this would provide but a small fraction of relief for the feeble-minded problem, and would inevitably entail special expenses for equipment, instruction and care quite out of proportion to the number of feeble-minded persons provided for.

It should be remembered, of course, that after the war it is not unlikely that the central purpose and function of the hospital may unhappily come into wholly new prominence, owing to the confusion of such a reconstruction period as the world has never before seen. We wish, from this point of view, to urge the very great importance of excluding any suddenly crystallized and far-reaching change in the use of the plant of the hospital. Sound economical considerations clearly indicate that the capital investment of past years in time and money should not, without the most thorough consideration, be diverted from those directions of service in which they are designed to act, and in which disturbed times may ere long create greater need for them than ever.

Trustee Lombard Williams succeeds trustee James J. Phelan, whose term expired.

Dr. Frank H. Carlisle resigned on October 15 to accept medical directorship at the State Farm. Dr. Frederick P. Moore was promoted to the position of first assistant physician. Dr. Charles M. Flagg of Massachusetts was appointed second assistant physician.

The need of accommodations for women is more evident; the demand is insistent. However, in view of the war conditions, the request for an appropriation for buildings for women is not renewed.

Respectfully submitted,

W. RODMAN PEABODY.

FRANK L. LOCKE.

ROBERT A. WOODS.

EDWIN MULREADY.

LOMBARD WILLIAMS.

PHILIP R. ALLEN.

OTHO L. SCHOFIELD, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

The following figures refer to the changes in the population of the hospital for the fiscal year beginning Dec. 1, 1916, and ending Nov. 30, 1917.

At the beginning of the year there were 208 patients in the hospital. Since that time 1,021 cases have been admitted. Of this number, 856, or 84 per cent., were voluntary, and 165, or 16 per cent., were committed. Eighty-two of the total number of cases admitted were under probation or suspended sentence. Seventy-eight of these men were received as voluntary cases, their admission to the hospital being one of the conditions of their probation. Eight hundred and sixty-six, or 85 per cent., of the admissions for the year were cases of alcoholism, and 155, or 15 per cent., were drug inebriates. Of the total number, 822, or 80 per cent., were new admissions,—men who had not previously been at the hospital. Five hundred and twelve, or 50 per cent., of the total number of admissions gave a history of one or more arrests. Eighty-six, or 8 per cent., had served one or more sentences in a penal institution for drunkenness or drug addiction. Sixty-nine, or 7 per cent., had been in other public or private institutions for treatment for inebriety or alcoholism. During the year 332 cases were returned from visit, leave of absence and escape. The total number of cases under treatment, not including observation cases, was 1,561. A comparison with the previous year shows a decrease of 34.

Forty-six cases of alcoholic delirium were received at the hospital. Eight cases of insanity were treated, and 6 of these were subsequently transferred to State hospitals for the insane.

During the year 1,459 patients were discharged from the hospital; 7 deaths occurred.

Four hundred and twenty-nine men were received as observation cases. A total number of 1,548 days' board was furnished

them. One hundred and five of these cases were eventually admitted as voluntary patients. Of the remaining 326 not admitted, 4 died while under observation.

By comparison with the preceding year it is apparent that although the daily average of patients at the hospital for the current year was lower, the actual work performed, including observation cases, showed an increase in the number of patients cared for by the hospital and by the out-patient department during the fiscal year. In the aggregate the number of patients admitted and discharged has been larger, thus showing that in actual service the institution has increased its activities.

The demand for labor in the industrial world has given an additional outlet to employment for discharged patients. With the supervision of the out-patient department it has been possible to curtail the time of treatment of the individual case, placing the men at work at an earlier date than has been customary. It seems desirable to note that a large percentage of men who have been benefited by this policy are doing well, — earning a livelihood and supporting their families.

One case of typhoid fever in a typhoid carrier occurred during the year. With this single exception the general health of the patients has been excellent.

When considering permanent benefit coming from institutional treatment of alcoholic or drug inebriates it must be remembered that two factors, namely, the co-operation and the sustained interest of the patient, are necessary in order that any material benefit may come from any method of treatment. Reduced to its simplicity it means that the likelihood of permanent benefit depends on the mentality of the patient. The treatment is comprehensive in that it demands a preinstitutional analysis, and intrainstitutional and postinstitutional treatment. It is therefore apparent that the institution itself is but one element in the treatment, the other constituent being the out-patient department, which must be administered so that the hospital and out-patient department operate in perfect harmony. Only in this way can the modern treatment of inebriety be successfully carried out. The keynote of such a combination is a treatment suitable to the needs of the individual case.

The number of drug cases under treatment during the fiscal year is slightly in excess of the previous year. Several months ago an arrangement was made so that we secured better facilities for the segregation and treatment of these cases. Thus far the plan has worked favorably and seems to justify the additional expense incurred. Continued laboratory work has emphasized the truth that a large number of drug addicts are prenatally wrong, the drug taking being merely an expression of a prior mental defect. Obviously, such cases are resistive to ordinary measures of treatment. The depravity, criminality and licentiousness seen in cases of this type are not end pictures, — results of drug taking, — but are to be regarded as degrees of mental depravity denoting a mental warp antecedent to the use of the drug.

Several new lines of out-patient work have been developed during the year. Offices have been opened in Lowell, Fitchburg and Adams. More intensified effort is being placed on preinstitutional examination and keener work with the individual. Reference was made to the increasing work of these offices in my last annual report to the Board. The summary for the year, compared with a summary for 1916, shows a healthy and stable growth in every department of the out-patient work. There can be no doubt that a large amount of reconstructive and preventive work has been accomplished by the out-patient department and the hospital staff. It is manifestly impossible to show in dollars and cents the value of such work, which is yearly accumulating. This re-educational work can be briefly expressed as follows: (*a*) physical improvement of the patient; (*b*) removal of underlying cause for inebriety; (*c*) sustaining interest; (*d*) return of patient to congenial employment and environment; (*e*) extended educational treatment by out-patient department. As at present constituted the out-patient offices and visiting centers are twenty-eight in number, which are distributed over the State as follows: —

EASTERN DIVISION.

Boston, central office.

| | |
|--------------|-----------|
| New Bedford. | Salem. |
| Fall River. | Brockton. |
| Lowell. | |

Visiting Centers.

| | |
|------------|-------------|
| Attleboro. | Taunton. |
| Natick. | Gloucester. |
| Haverhill. | Plymouth. |
| Woburn. | Lynn. |
| Lawrence. | |

WESTERN DIVISION.

Springfield, central office.

| | |
|--------------|------------|
| Pittsfield. | Worcester. |
| Greenfield. | Fitchburg. |
| Northampton. | Adams. |

Visiting Centers.

| | |
|----------|-------------------|
| Athol. | Westfield. |
| Gardner. | Great Barrington. |
| Warren. | Holyoke. |

These localities are visited at definite times. Discharged patients from these districts and interested parties are notified of the time and place where the out-patient clinic will be held. The usual statistical tables given below show quite clearly that we have been able to determine the after-history of an increased number of discharged patients. The additional number of these patients who are abstinent is a gratifying result of the year's work. We were able last year to obtain the histories of 2,517 discharged patients, of whom 1,091, or 43 per cent., were abstinent, and 1,369, or 50 per cent., materially improved. This year we are able to give after-histories of 3,465 patients, showing that 1,598, or 46 per cent., are abstinent and have been so since their discharge from the hospital, and 1,969, or 57 per cent., are materially improved. When placing any value on these results it should be remembered that every patient has been investigated by a well-

organized follow-up system, and has been absent from the hospital for at least a six months' period.

The following is a summary of the work performed by the out-patient department during the year: —

| | |
|--|-------|
| Visits to offices by patients, | 3,988 |
| Visits to homes of patients, | 3,237 |
| Financial aid supplied to | 52 |
| Situations obtained, | 131 |
| Referred for employment, | 156 |
| Letters sent, | 9,679 |
| Consultations and interviews, | 1,207 |
| Inquiries, | 673 |
| Social service cases, | 166 |

The following statistical table gives information concerning discharged patients for an eight-year period beginning Oct. 1, 1909, and ending Oct. 1, 1917, verified to Jan. 1, 1918: —

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | From Oct. 1, 1914, to Oct. 1, 1915. | From Oct. 1, 1915, to Oct. 1, 1916. | From Oct. 1, 1916, to Oct. 1, 1917. | Total. |
|--|--|--|--|--|--|--|--|--|--------|
| Abstinent, | 53 | 79 | 133 | 202 | 219 | 302 | 308 | 302 | 1,598 |
| Improved, drinking some, but working and earning livelihood. | 51 | 29 | 37 | 40 | 59 | 46 | 35 | 74 | 371 |
| Unimproved, not benefited by hospital treatment. | 94 | 126 | 218 | 131 | 156 | 138 | 132 | 82 | 1,077 |
| Patients not located, present condition unknown. | 116 | 127 | 350 | 336 | 318 | 353 | 253 | 180 | 2,033 |
| Died, | 29 | 34 | 46 | 43 | 61 | 40 | 51 | 20 | 324 |
| Insane, | 12 | 11 | 13 | 14 | 11 | 12 | 12 | 10 | 95 |
| Totals, | 355 | 406 | 797 | 766 | 824 | 891 | 791 | 668 | 5,498 |

The following table gives in statistical form the number of hours which patients were employed under the different department heads, the estimated value of their labor and the gross and net cost of completed work: —

Table showing Value of Patients' Labor and Estimated Gross and Net Cost of Work in the Different Departments for Fiscal Year ending Nov. 30, 1917.

| DEPARTMENT. | Number of Patients' Hours. | Price per Hour (Cents). | Value of Patients' Labor. | Employees' Labor. | Hospital Teaming. | Materials. | Gross Cost. | Net Cost, less Patients' Labor, Native Lumber and Teaming. |
|---|----------------------------|-------------------------|---------------------------|-------------------|-------------------|------------|-------------|--|
| Carpenter, | 5,595 | 20 | \$1,119 | \$1,160 | - | \$2,063 | \$4,342 | \$2,901 |
| Construction, | 30,390 | 10 | 3,039 | 2,262 | \$1,718 | 1,289 | 8,308 | 3,551 |
| Engineer, | 2,340 | 10 | 234 | 1,688 | - | 3,007 | 4,929 | 4,695 |
| Farm and forestry, | 37,400 | 10 | 3,740 | - | - | - | - | - |
| Fish and game, | 10,729 | 15½ | 1,663 | - | - | - | - | - |
| Housemen, inside help, kitchen men and waiters, | 155,720 | 10 | 15,572 | - | - | - | - | - |
| Painter, | 7,435 | 20 | 1,487 | 900 | - | 778 | 3,165 | 1,678 |
| Totals, | 249,609 | - | \$26,854 | \$6,010 | \$1,718 | \$7,137 | \$20,744 | \$12,825 |

IRWIN H. NEFF, M.D.,
Superintendent.

VALUATION.

Nov. 30, 1917.

| | |
|--|---------------------|
| Land: — | |
| Grounds (120 acres), | \$6,708 40 |
| Woodland (265½ acres), | 11,468 23 |
| Mowing (48¼ acres), | 1,924 13 |
| Tillage (41½ acres), | 2,096 67 |
| Orchard (14½ acres), | 586 09 |
| Pasture (210½ acres), | 8,508 41 |
| Waste (423¾ acres), | 17,013 06 |
| Total (1,124 acres), | <u>\$48,304 99</u> |
| Buildings: — | |
| Inmates, | \$116,563 00 |
| Employees, | 11,712 00 |
| Administration, | 99,741 00 |
| Farm, stable and grounds, | 23,772 00 |
| Heat, light and power, | 11,460 00 |
| Miscellaneous, | 38 00 |
| | <u>263,286 00</u> |
| Miscellaneous: — | |
| Equipment for heat, light and power, | \$22,421 00 |
| Heating system, | 16,792 00 |
| Hot-water system, | 182 00 |
| Sewerage system, | 3,597 00 |
| Subways, | 219 00 |
| Water system, | 11,870 00 |
| Equipment for laundry, | 2,751 00 |
| All other items, | 9,693 00 |
| | <u>67,525 00</u> |
| Inventory of personal property: — | |
| Travel, | \$3,069 00 |
| Grounds, | 124 01 |
| Food, | 12,019 80 |
| Clothing, | 4,632 82 |
| Furnishings, | 35,208 49 |
| Heat, light and power, | 12,524 08 |
| Repairs, ordinary, | 9,255 48 |
| Farm and stable, | 17,435 14 |
| Medical and general care, | 4,920 08 |
| | <u>99,188 90</u> |
| Grand total, | <u>\$478,304 89</u> |

TREASURER'S REPORT.

To the trustees of the Norfolk State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1917:—

| CASH ACCOUNT. | | | |
|--|----------|------------|------------|
| Balance Dec. 1, 1916, | . | . | \$882 52 |
| <i>Receipts.</i> | | | |
| <i>Institution Receipts.</i> | | | |
| Board of inmates:— | | | |
| Private, | . | \$976 43 | |
| Reimbursements, charitable, | . | 28 60 | |
| | | <hr/> | \$1,005 03 |
| Sales:— | | | |
| Travel, transportation and office expenses, | . | \$45 98 | |
| Food, | . | 25 12 | |
| Clothing and materials, | . | 24 28 | |
| Furnishings and household supplies, | . | 34 22 | |
| Medical and general care, | . | 7 17 | |
| Heat, light and power, | . | 14 70 | |
| Farm and stable:— | | | |
| Cows and calves, | \$315 00 | | |
| Hides, | 183 57 | | |
| Wood, | 287 25 | | |
| Sundries, | 41 83 | | |
| | | <hr/> | 827 65 |
| Repairs, ordinary, | . | 406 07 | |
| | | <hr/> | 1,385 19 |
| Miscellaneous receipts:— | | | |
| Interest on bank balances, | . | \$119 61 | |
| Sundries, | . | 77 14 | |
| | | <hr/> | 196 75 |
| | | <hr/> | 2,586 97 |
| <i>Receipts from Treasury of Commonwealth.</i> | | | |
| Maintenance appropriations:— | | | |
| Balance of 1916 (hospital), | . | \$1,150 25 | |
| Less returned, | . | 710 44 | |
| | | <hr/> | \$439 81 |
| Amounts carried forward, | . | \$439 81 | \$3,469 49 |

| | | |
|---|--------------|--------------|
| <i>Amounts brought forward,</i> | \$439 81 | \$3,469 49 |
| Maintenance appropriations — <i>Con.</i> | | |
| Balance of 1916 (out-patient department), | 784 41 | |
| Advance money (amount on hand November 30), | 7,000 00 | |
| Approved schedules of 1917 | | |
| (hospital), | \$117,867 37 | |
| Approved schedules of 1917 | | |
| (out-patient department), | 7,954 43 | |
| | <hr/> | |
| | 125,821 80 | |
| | | <hr/> |
| | | 134,046 02 |
| Special appropriations, | | 4,977 14 |
| | | <hr/> |
| Total, | | \$142,492 65 |

Payments.

| | | |
|---|------------|--------------|
| To treasury of Commonwealth, institution receipts, | | \$2,586 97 |
| Maintenance appropriations: — | | |
| Balance November schedule, 1916 (hospital), | \$2,009 21 | |
| Balance November schedule, 1916 (out-patient department), | 97 53 | |
| Eleven months' schedules, 1917 (hospital), | 117,867 37 | |
| Eleven months' schedules, 1917 (out-patient department), | 7,954 43 | |
| November advances (hospital), | 5,979 86 | |
| November advances (out-patient department), | 695 04 | |
| | <hr/> | |
| | | 134,603 44 |
| Special appropriations, | | 4,977 14 |
| Balance, Nov. 30, 1917: — | | |
| In bank, | \$137 94 | |
| In office, | 187 16 | |
| | <hr/> | |
| | | 325 10 |
| | | <hr/> |
| Total, | | \$142,492 65 |

MAINTENANCE.

| | |
|--|--------------|
| Appropriation, current year, | \$139,700 00 |
| Balance from previous year, brought forward, | 94 55 |
| | <hr/> |
| Total, | \$139,794 55 |
| Expenses (as analyzed below), | 135,297 81 |
| | <hr/> |
| Balance reverting to treasury of Commonwealth, | \$4,496 74 |

Analysis of Expenses.

| | |
|--------------------------------------|-------------|
| Salaries, wages: — | |
| Irwin H. Neff, M.D., superintendent, | \$4,500 00 |
| General administration, | 20,633 24 |
| Medical service, | 4,697 09 |
| Ward service (male), | 7,597 46 |
| Repairs, | 5,675 42 |
| | <hr/> |
| <i>Amount carried forward,</i> | \$43,103 21 |

| | | |
|--|-------------|-------------|
| <i>Amount brought forward,</i> | \$43,103 21 | |
| Salaries, wages — <i>Con.</i> | | |
| Farm and stable, | 4,927 02 | |
| Grounds, | 383 90 | |
| Out-patient department, | 5,219 91 | |
| | | \$53,634 04 |
| Religious instruction: — | | |
| Catholic, | \$628 00 | |
| Protestant, | 582 93 | |
| | | 1,210 93 |
| Travel, transportation and office expenses: — | | |
| Automobile repairs and supplies, | \$2,282 55 | |
| Postage, | 323 62 | |
| Printing and binding, | 318 20 | |
| Printing annual report, | 101 59 | |
| Stationery and office supplies, | 653 26 | |
| Telephone and telegraph, | 585 41 | |
| Travel, | 406 96 | |
| Freight, | 36 84 | |
| | | 4,708 43 |
| Food: — | | |
| Butter, | \$455 13 | |
| Butterine, | 1,267 34 | |
| Beans, | 508 39 | |
| Bread, crackers, etc., | 73 28 | |
| Canned soups, | 77 77 | |
| Cereals, rice, meal, etc., | 429 92 | |
| Cheese, | 452 01 | |
| Eggs, | 2,491 22 | |
| Flour, | 2,679 75 | |
| Fish (fresh, cured and canned), | 1,331 84 | |
| Fruit (fresh), | 204 28 | |
| Fruit (dried and preserved), | 1,069 65 | |
| Lard and substitutes, | 524 99 | |
| Macaroni and spaghetti, | 61 37 | |
| Meats, | 6,239 48 | |
| Milk (fresh and substitutes), | 95 36 | |
| Molasses and syrups, | 81 00 | |
| Peanut butter, pie filling, etc., | 148 01 | |
| Potatoes, | 956 14 | |
| Seasonings and condiments, | 349 94 | |
| Sugar, | 2,451 11 | |
| Tea, coffee, cocoa, etc., | 847 99 | |
| Vegetables (fresh), | 345 63 | |
| Vegetables (canned and dried), | 999 34 | |
| Yeast, baking powder, etc., | 248 40 | |
| Sundries, | 129 11 | |
| Freight, | 239 61 | |
| | | 24,758 06 |
| Clothing and materials: — | | |
| Boots, shoes and rubbers, | \$1,406 67 | |
| Clothing (outer), | 1,252 80 | |
| Clothing (under), | 198 50 | |
| Dry goods for clothing, | 93 15 | |
| | | |
| <i>Amounts carried forward,</i> | \$2,951 12 | \$84,311 46 |

| | | | |
|--|----------|------------|-------------|
| <i>Amounts brought forward,</i> | | \$2,951 12 | \$84,311 46 |
| Clothing and materials — <i>Con.</i> | | | |
| Hats and caps, | 1 50 | | |
| Leather and shoe findings, | 257 05 | | |
| Socks and smallwares, | 176 13 | | |
| Freight, | 16 41 | | |
| | | | 3,402 21 |
| Furnishings and household supplies: — | | | |
| Beds, bedding, etc., | \$238 20 | | |
| Carpets, rugs, etc., | 169 28 | | |
| Crockery, glassware, cutlery, etc., | 322 03 | | |
| Dry goods and smallwares, | 147 38 | | |
| Fire hose and extinguishers, | 14 40 | | |
| Furniture, upholstery, etc., | 302 28 | | |
| Kitchen and household wares, | 1,422 36 | | |
| Laundry supplies and materials, | 641 93 | | |
| Lavatory supplies and disinfectants, | 293 82 | | |
| Machinery for manufacturing, | 80 59 | | |
| Table linen, paper napkins, towels, etc., | 339 40 | | |
| Freight, | 57 99 | | |
| Electric lamps, | 124 72 | | |
| | | | 4,154 38 |
| Medical and general care: — | | | |
| Hospital: — | | | |
| Books, periodicals, etc., | \$307 94 | | |
| Entertainments, games, etc., | 722 58 | | |
| Funeral expenses, | 41 00 | | |
| Gratuities, | 820 92 | | |
| Ice and refrigeration, | 95 83 | | |
| Laboratory supplies and apparatus, | 63 33 | | |
| Medicines (supplies and apparatus), | 888 07 | | |
| Medical attendance (extra), | 41 00 | | |
| Sputum cups, etc., | 11 12 | | |
| Tobacco, pipes, matches, | 1,113 07 | | |
| Freight, | 80 93 | | |
| | | \$4,185 79 | |
| Out-patient department: — | | | |
| Fuel, | \$182 85 | | |
| Janitor service, | 36 00 | | |
| Janitor supplies, | 25 25 | | |
| Light, | 57 92 | | |
| Office furniture, etc., | 5 21 | | |
| Postage, | 162 61 | | |
| Printing, | 39 91 | | |
| Rent, | 955 00 | | |
| Stationery and office supplies, | 72 46 | | |
| Telephone and telegraph, | 118 50 | | |
| Travel and expenses, | 1,769 00 | | |
| Water, | 2 80 | | |
| Sundries, | 66 51 | | |
| | | 3,494 02 | |
| | | | 7,679 81 |
| <i>Amount carried forward,</i> | | | \$99,547 86 |

| | | |
|---|-------------|--------------|
| <i>Amount brought forward,</i> | | \$99,547 86 |
| Heat, light and power:— | | |
| Coal, | \$18,519 21 | |
| Freight on coal and other expenses, | 2,376 82 | |
| Oil, | 267 15 | |
| Operating supplies for boilers and engines, | 683 55 | |
| Sundries, | 15 00 | |
| Freight, | 14 60 | |
| | | 21,876 33 |
| Farm and stable:— | | |
| Bedding materials, | \$48 36 | |
| Blacksmithing and supplies, | 251 85 | |
| Carriages, wagons and repairs, | 164 95 | |
| Dairy equipment and supplies, | 41 45 | |
| Fencing materials, | 153 90 | |
| Fertilizers, | 936 88 | |
| Grain, etc., | 4,006 84 | |
| Hay, | 561 73 | |
| Harnesses and repairs, | 55 34 | |
| Cows, | 600 00 | |
| Other live stock, | 20 00 | |
| Rent, | 15 00 | |
| Spraying materials, | 63 87 | |
| Stable and barn supplies, | 110 04 | |
| Tools, implements, machines, etc., | 274 48 | |
| Trees, vines, seeds, etc., | 310 94 | |
| Veterinary services, supplies, etc., | 141 70 | |
| Sundries, | 7 00 | |
| Freight, | 41 08 | |
| | | 7,805 41 |
| Grounds:— | | |
| Rent, | \$360 00 | |
| Tools, implements, machines, etc., | 10 23 | |
| Trees, vines, shrubs, seeds, etc., | 22 05 | |
| Sundries, | 10 40 | |
| Freight, | 23 | |
| | | 402 91 |
| Repairs, ordinary:— | | |
| Cement, lime, crushed stone, etc., | \$122 67 | |
| Electrical work and supplies, | 411 87 | |
| Hardware, iron, steel, etc., | 892 60 | |
| Lumber, etc. (including finished products), | 905 76 | |
| Paint, oil, glass, etc., | 769 32 | |
| Plumbing and supplies, | 454 05 | |
| Roofing and materials, | 64 58 | |
| Steam fittings and supplies, | 527 54 | |
| Tents, awnings, etc., | 25 | |
| Tools, machines, etc., | 926 69 | |
| Boilers, repairs, | 132 26 | |
| Dynamos, repairs, | 66 82 | |
| Engines, repairs, | 61 54 | |
| Sundries, | 220 10 | |
| Freight, | 109 25 | |
| | | 5,665 30 |
| Total expenses for maintenance, | | \$135,297 81 |

SPECIAL APPROPRIATIONS.

| | | |
|---|------------|------------|
| Balance Dec. 1, 1916, | | \$7,719 64 |
| Expended during the year (see statement annexed), | \$4,977 14 | |
| Reverting to treasury of Commonwealth, | 4 50 | |
| | <hr/> | 4,981 64 |
| Balance Nov. 30, 1917, | | \$2,738 00 |

RESOURCES AND LIABILITIES.

Resources.

| | | |
|--|------------|------------|
| Cash on hand, | \$325 10 | |
| November cash vouchers (paid from advance money), account of maintenance (hospital), | \$5,979 86 | |
| November cash vouchers (paid from advance money), account of maintenance (out-patient department), | 695 04 | |
| | <hr/> | 6,674 90 |
| Due from treasury of Commonwealth from available appropriation account November, 1917, schedule, | 2,476 01 | |
| | <hr/> | \$9,476 01 |

Liabilities.

| | | |
|--|------------|------------|
| Schedule of November bills (hospital), | \$8,716 51 | |
| Schedule of November bills (out-patient department), | 759 50 | |
| | <hr/> | \$9,476 01 |

PER CAPITA.

During the year the average number of inmates has been (including observation cases) 168.36.

Total cost for maintenance (including out-patient department expenses), \$135,297.81.

Equal to a weekly per capita cost of \$15.4542.

Receipt from sales, \$1,385.19.

Equal to a weekly per capita of \$0.1582.

All other institution receipts, \$1,201.78.

Equal to a weekly per capita of \$0.1372.

Special Appropriations.

| Object. | Act or Resolve. | Whole Amount. | Expended during Fiscal Year. | Expended to Date. | Balance at End of Year. |
|---|---------------------------------|---------------|------------------------------|-------------------|-------------------------|
| Land purchase, | Acts 1910, chap. 635, | \$50,000 00 | - | \$49,766 47 | \$233 53 |
| Trestle and spur track, | Res. 1914, chap. 142, | 4,000 00 | \$242 44 | 3,306 55 | 693 45 |
| Five cottages for men, | Res. 1915, chap. 145, | 43,000 00 | 755 39 | 42,996 97 | 3 03 ¹ |
| Sewer and water construction, | Res. 1915, chap. 145, | 3,000 00 | 698 95 | 2,998 53 | 1 47 ¹ |
| Additional land, | Res. 1915, chap. 145, | 5,000 00 | 1,023 04 | 4,928 69 | 71 31 |
| Barn and storage house, | Res. 1916, chap. 97, | 4,000 00 | 2,257 32 | 2,260 29 | 1,739 71 |
| | | \$109,000 00 | \$4,977 14 | \$106,257 50 | \$2,738 00 |

¹ Reverting to treasury of the Commonwealth.

Respectfully submitted,

IRWIN H. NEFF,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,
Auditor.

STATISTICAL TABLES.

[FORM PRESCRIBED BY THE STATE BOARD OF CHARITY.]

GENERAL STATISTICS.

TABLE No. 1. — *General Statistics for Year.*

| | |
|---|-------|
| Patients in hospital Dec. 1, 1916, | 208 |
| Admissions within the year, | 1,993 |
| By commitment, | 165 |
| Voluntary, | 856 |
| By return from leave of absence of previous years, | 18 |
| By return from escape of previous years, | 1 |
| By return from visit of previous years, | 102 |
| Nominally for discharge, | 851 |
| Whole number of cases within the year, | 2,201 |
| Final discharges within the year, | 911 |
| By death while in hospital, | 7 |
| By death while on leave of absence, | — |
| By death while on visit, | — |
| By death, escaped, | — |
| As insane, | 6 |
| By time limit while in hospital, | — |
| By time limit while on leave of absence, | 157 |
| By time limit, escaped, | 11 |
| "As not to be benefited by further treatment" while in hospital, | 34 |
| "As not to be benefited by further treatment" while on leave of absence, | 4 |
| "As not to be benefited by further treatment" while on visit, | 5 |
| "As not to be benefited by further treatment" while on escape, | 1 |
| Expiration of visit, | 686 |
| Deported, | — |
| Patients absent, not finally discharged, dismissed in 1917, | 1,195 |
| Leave of absence, | 159 |
| Escape, | 16 |
| Visit, | 1,020 |

TABLE NO. 1. — *General Statistics for Year* — Concluded.

| | |
|---|--------|
| Patients absent, not finally discharged, dismissed in previous years, | 117 |
| Leave of absence, | 112 |
| Escaped, | 5 |
| Patients remaining in hospital Dec. 1, 1917, | 95 |
| Viz.: State patients, | 95 |
| Private patients, | — |
| Reimbursing patients, | — |
| Number of different persons admitted, | 1,345 |
| Number of different persons dismissed, | 1,379 |
| Daily average number of patients (including observation cases), | 168.36 |
| Viz.: State patients, | 165.94 |
| Private patients, | 2.42 |
| Reimbursing patients, | — |

TABLE No. 2. — *Monthly Admissions, Discharges and Averages.*

| | ADMISSIONS. | | | | | | | | | | DISCHARGES. | | | | | | Daily Average of Patients in Hospital. | | | | |
|---|--------------|-----|---|---|---|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------|-------------|---------|-------------|-----------|--------|--|-------------------|----------|---------|---------|
| | Commitments. | | Voluntary. | | | | | | | | FINAL. | | | | | | | CONDITIONAL. | | | |
| | | | Returns from Leave of Absence of 1914-15. | Returns from Leave of Absence of 1915-16. | Returns from Leave of Absence of 1916-17. | Returns from Visit of 1915-16. | Returns from Visit of 1916-17. | Returns from Escape of 1914-15. | Returns from Escape of 1915-16. | Returns from Escape of 1916-17. | Totals. | Time Limit. | Insane. | Unsuitable. | Deported. | Death. | | Leave of Absence. | Escapes. | Visits. | Totals. |
| | | | | | | | | | | | | | | | | | | | | | |
| 1916. | | | | | | | | | | | | | | | | | | | | | |
| December, | 23 | 80 | - | 3 | 2 | 13 | 2 | - | 1 | - | 129 | - | - | 2 | - | 1 | 18 | 1 | 86 | 105 | 225.61 |
| 1917. | | | | | | | | | | | | | | | | | | | | | |
| January, | 12 | 86 | 1 | 5 | 21 | 10 | 5 | - | - | - | 130 | - | - | - | - | - | 22 | 2 | 100 | 124 | 228.68 |
| February, | 11 | 86 | 1 | 2 | 3 | 15 | 13 | - | - | - | 134 | - | - | - | - | - | 19 | 2 | 102 | 121 | 238.15 |
| March, | 23 | 97 | 1 | 2 | 1 | 15 | 13 | - | - | - | 134 | - | - | - | - | - | 12 | 2 | 147 | 161 | 240.58 |
| April, | 12 | 78 | - | 1 | 6 | 14 | 11 | - | - | - | 111 | - | - | - | - | - | 24 | 1 | 141 | 166 | 192.00 |
| May, | 23 | 80 | - | 1 | 2 | 5 | 26 | - | - | - | 137 | - | - | - | - | - | 15 | 1 | 111 | 127 | 158.00 |
| June, | 15 | 65 | - | 1 | 1 | 7 | 12 | - | - | - | 96 | - | - | - | - | - | 16 | 4 | 105 | 125 | 139.17 |
| July, | 12 | 67 | - | 1 | 2 | 7 | 17 | - | - | - | 106 | - | - | - | - | - | 21 | 1 | 86 | 108 | 124.29 |
| August, | 12 | 70 | - | - | 4 | 3 | 20 | - | - | - | 109 | - | - | - | - | - | 13 | 2 | 96 | 111 | 131.97 |
| September, | 7 | 61 | - | - | 1 | 1 | 23 | - | - | - | 93 | - | - | - | - | - | 17 | 3 | 84 | 101 | 113.50 |
| October, | 7 | 46 | - | - | 4 | 1 | 23 | - | - | - | 78 | - | - | - | - | - | 12 | 3 | 90 | 105 | 96.90 |
| November, | 8 | 40 | - | - | 4 | - | 23 | - | - | - | 76 | - | - | - | - | - | 3 | 2 | 60 | 65 | 81.67 |
| Total of admissions, | 165 | 856 | 3 | 15 | 24 | 102 | 185 | - | 1 | 2 | 1,353 | - | - | - | - | - | - | - | - | - | - |
| Total of persons, | 1,016 | | | | | | | | | | | | | | | | | | | | |
| Total returns from leave of absence, escapes and visits, within the year, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total of persons, etc., | - | - | 3 | 15 | 24 | 102 | 185 | - | 2 | 2 | 332 | - | - | - | - | - | - | - | - | - | - |
| Total of final discharges, | - | - | 3 | 15 | 24 | 102 | 160 | - | 2 | 2 | 307 | - | - | - | - | - | - | - | - | - | - |
| Total of persons finally discharged, | - | - | - | - | - | - | - | - | - | - | - | - | - | 34 | - | - | - | - | - | - | - |
| Total of conditional discharges, | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 34 | - | - | - | - | - | - |
| Total of persons conditionally discharged, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 192 | 19 | 1,208 | 1,419 | - |
| Remaining away, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 174 | 18 | 1,140 | 1,332 | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 271 | 21 | 1,020 | 1,312 | - |

TABLE NO. 3. — *Received on First and Subsequent Commitments.*

| | |
|-----------------------------|-------|
| First, | 822 |
| Second, | 189 |
| Third, | 10 |
| Total of cases, | 1,021 |
| Total of persons, | 1,016 |

TABLE NO. 4. — *Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|-------------------------------------|----------|---------|---------|
| Massachusetts, | 546 | 153 | 152 |
| Other New England States, | 54 | 65 | 65 |
| Other States, | 62 | 52 | 50 |
| Total native, | 662 | 270 | 267 |
| Ireland, | 65 | 370 | 355 |
| Canada, | 45 | 88 | 79 |
| England, | 24 | 30 | 41 |
| Germany, | 6 | 12 | 13 |
| Scotland, | 3 | 14 | 24 |
| Sweden, | 3 | 7 | 7 |
| France, | 2 | 5 | 6 |
| Russia, | 5 | 10 | 11 |
| Portugal, | — | 1 | 1 |
| Unknown, | — | 1 | 2 |
| Newfoundland, | 1 | 3 | 2 |
| Wales, | 1 | 1 | 1 |
| Italy, | — | 4 | 4 |
| Norway, | 3 | 3 | 5 |
| West Indies, | 1 | 1 | 1 |
| Austria, | 1 | 2 | 3 |
| Total foreign, | 160 | 552 | 555 |
| Total, | 822 | 822 | 822 |

TABLE No. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 396 |
| Essex County, | 69 |
| Bristol County, | 49 |
| Middlesex County, | 80 |
| Plymouth County, | 30 |
| Worcester County, | 44 |
| Norfolk County, | 33 |
| Hampden County, | 81 |
| Franklin County, | 1 |
| Hampshire County, | 11 |
| Barnstable County, | — |
| Berkshire County, | 28 |
| Dukes County, | — |
| Total, | 822 |
| Cities and large towns over 10,000, | 765 |
| Country districts under 10,000, | 57 |

TABLE No. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Single. | Married. | Widowers. | Divorced. | Total. |
|------------------------|---------|----------|-----------|-----------|--------|
| First, | 421 | 299 | 62 | 40 | 822 |
| Total cases, | 421 | 299 | 62 | 40 | 822 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|-----------------------------|------------|------------|--------|-------------------------------|------------|------------|--------|
| Adams, | 1 | 3 | 4 | Huntington, | 1 | — | 1 |
| Abington, | 1 | — | 1 | Lawrence, | 4 | — | 4 |
| Amherst, | — | 1 | 1 | Lee, | — | 3 | 3 |
| Ashland, | 1 | — | 1 | Lenox, | 1 | — | 1 |
| Attleboro, | 2 | 5 | 7 | Leominster, | 4 | — | 4 |
| Avon, | 1 | 1 | 2 | Lowell, | 4 | 2 | 6 |
| Bellingham, | 1 | — | 1 | Lynn, | 22 | 1 | 23 |
| Belmont, | — | 1 | 1 | Malden, | 6 | — | 6 |
| Beverly, | 2 | 1 | 3 | Manchester, | — | 1 | 1 |
| Boston, | 333 | 26 | 359 | Marlborough, | 4 | 1 | 5 |
| Braintree, | 1 | — | 1 | Medford, | 1 | — | 1 |
| Brockton, | 17 | 2 | 19 | Melrose, | 1 | — | 1 |
| Brookfield, | — | 1 | 1 | Methuen, | 1 | — | 1 |
| Brookline, | 8 | 1 | 9 | Milford, | 2 | — | 2 |
| Cambridge, | 16 | 7 | 23 | Millville, | 1 | — | 1 |
| Chelsea, | 21 | 6 | 27 | Milton, | 1 | — | 1 |
| Chicopee, | 2 | — | 2 | Natick, | 1 | 2 | 3 |
| Clinton, | 1 | 8 | 9 | New Bedford, | 17 | 1 | 18 |
| Concord, | 2 | — | 2 | Newton, | 1 | — | 1 |
| Dalton, | 2 | — | 2 | Northampton, | 3 | 2 | 5 |
| Danvers, | 1 | 5 | 6 | North Attleborough, | 1 | 4 | 5 |
| Dedham, | 3 | — | 3 | Northbridge, | — | 1 | 1 |
| Douglas, | — | 1 | 1 | North Hanover, | 1 | — | 1 |
| Dracut, | 1 | — | 1 | Norwood, | 1 | — | 1 |
| East Weymouth, | 1 | — | 1 | Peabody, | — | 3 | 3 |
| Essex, | — | 1 | 1 | Pittsfield, | 17 | — | 17 |
| Everett, | 3 | 1 | 4 | Plymouth, | 3 | — | 3 |
| Fairhaven, | 1 | — | 1 | Quincy, | 2 | 1 | 3 |
| Fall River, | 7 | 2 | 9 | Randolph, | 2 | — | 2 |
| Feeding Hills, | 1 | — | 1 | Revere, | 1 | 2 | 3 |
| Fitchburg, | 1 | — | 1 | Rockland, | 2 | 2 | 4 |
| Framingham, | 2 | — | 2 | Rockport, | 1 | 1 | 2 |
| Franklin, | 1 | — | 1 | Rutland, | 1 | — | 1 |
| Gardner, | — | 1 | 1 | Salem, | 2 | 12 | 14 |
| Gleasondale, | 1 | — | 1 | Seekonk, | — | 1 | 1 |
| Gloucester, | 1 | 6 | 7 | Southbridge, | 3 | — | 3 |
| Great Barrington, | 1 | — | 1 | South Framingham, | 1 | — | 1 |
| Greenfield, | — | 1 | 1 | South Hadley Falls, | 1 | — | 1 |
| Hardwick, | 1 | — | 1 | Somerville, | 5 | 2 | 7 |
| Haverhill, | 5 | — | 5 | Spencer, | 2 | — | 2 |
| Hingham, | 1 | 1 | 2 | Springfield, | 71 | — | 71 |
| Holbrook, | 1 | 1 | 2 | Stoneham, | 1 | — | 1 |
| Holliston, | 1 | 1 | 2 | Sudbury, | — | 1 | 1 |
| Holyoke, | 5 | — | 5 | Swansea, | 1 | — | 1 |
| Hopkinton, | 1 | — | 1 | Taunton, | 5 | 2 | 7 |

TABLE NO. 7. — *Town Residence of Persons first committed* — Concluded.

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|------------------|------------|------------|--------|-------------------|------------|------------|--------|
| Walpole, . . . | 2 | — | 2 | Westwood, . . . | 1 | — | 1 |
| Waltham, . . . | 3 | 4 | 7 | Weymouth, . . . | 1 | 1 | 2 |
| Ware, | — | 4 | 4 | Whitman, . . . | 1 | — | 1 |
| Watertown, . . . | 3 | 2 | 5 | Winchendon, . . . | — | 2 | 2 |
| Webster, | — | 1 | 1 | Winthrop, . . . | 2 | — | 2 |
| Westborough, . . | — | 2 | 2 | Worcester, . . . | 8 | 2 | 10 |
| Westfield, . . . | 1 | 1 | 2 | | | | |
| Westford, . . . | 1 | — | 1 | Totals, . . . | 674 | 148 | 822 |

TABLE NO. 8. — *Occupations of Persons first committed.*

| | | | |
|--------------------------------|----|------------------------------------|----|
| Accountants, | 3 | Gardeners, | 5 |
| Bakers, | 3 | Harness maker, | 1 |
| Barbers, | 14 | Hat maker, | 1 |
| Bartenders, | 7 | Hotel men, | 2 |
| Bell boys, | 3 | Iceman, | 1 |
| Blacksmiths, | 3 | Insurance agents, | 3 |
| Bookkeepers, | 5 | Interior decorator, | 1 |
| Box maker, | 1 | Iron makers, | 5 |
| Brakemen, | 10 | Janitors, | 2 |
| Brass finisher, | 1 | Jewelers, | 9 |
| Bricklayers, | 5 | Kitchen men, | 3 |
| Butler, | 1 | Laborers, | 85 |
| Candy makers, | 2 | Lawyers, | 3 |
| Canvassers, | 4 | Leather workers, | 5 |
| Caretakers, | 2 | Longshoreman, | 1 |
| Carpenters, | 29 | Lunch room keepers, | 2 |
| Chauffeurs, | 18 | Machinists, | 58 |
| Chemist, | 1 | Manufacturers, | 5 |
| Cigar makers, | 2 | Masons, | 2 |
| Clerks, | 34 | Meat cutters, | 17 |
| Clothing cutter, | 1 | Mechanics, | 8 |
| Comb maker, | 1 | Merchants, | 2 |
| Conductors, | 2 | Metal polishers, | 3 |
| Contractor, | 1 | Mill operatives, | 10 |
| Cooks, | 13 | Molders, | 2 |
| Coremakers, | 3 | Motorman, | 1 |
| Dentists, | 2 | Moving-picture operator, | 1 |
| Designer, | 1 | Musicians, | 2 |
| Detective, | 1 | Newspapermen, | 2 |
| Draftsmen, | 2 | Oculist, | 1 |
| Druggists, | 8 | Packers, | 2 |
| Electricians, | 10 | Painters, | 36 |
| Elevatormen, | 2 | Paper makers, | 4 |
| Engineers, | 2 | Pattern makers, | 2 |
| Expressman, | 1 | Peddlers, | 7 |
| Farmers, | 7 | Photographers, | 4 |
| Firemen, | 5 | Physicians, | 2 |
| Fishermen, | 2 | Pianist, | 1 |
| Foremen, | 4 | Piano finishers, | 3 |
| Forester, | 1 | Piano tuner, | 1 |
| Furniture finishers, | 2 | Plasterer, | 1 |

TABLE No. 8. — *Occupations of Persons first committed* — Concluded.

| | | | |
|-------------------------------|----|---------------------------|-----|
| Plumbers, | 13 | Steam fitters, | 12 |
| Porters, | 9 | Stenographer, | 1 |
| Postal clerks, | 6 | Stewards, | 2 |
| Pressmen, | 3 | Stone cutter, | 1 |
| Printers, | 14 | Tailors, | 5 |
| Real estate agents, | 2 | Teamsters, | 68 |
| Roofers, | 4 | Telegraphers, | 2 |
| Rubber workers, | 4 | Theatrical men, | 4 |
| Sailors, | 3 | Tool makers, | 3 |
| Salesmen, | 53 | Upholsterers, | 2 |
| Shippers, | 5 | Waiters, | 22 |
| Shoe cutters, | 5 | Watchman, | 1 |
| Shoe workers, | 46 | Wood carvers, | 2 |
| Sign painter, | 1 | | |
| Solicitors, | 3 | Total, | 822 |
| Stage hand, | 1 | | |

TABLE No. 9. — *Ages at First Attack, Admission and Death.*

| AGES. | FIRST COMMITTED. | | DIED. | |
|------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | — | — | — | — |
| From 15 to 20 years, | 88 | 6 | — | — |
| 20 to 25 years, | 247 | 42 | 3 | — |
| 25 to 30 years, | 213 | 117 | — | — |
| 30 to 35 years, | 137 | 160 | 2 | 1 |
| 35 to 40 years, | 71 | 127 | 2 | 1 |
| 40 to 45 years, | 45 | 117 | — | 1 |
| 45 to 50 years, | 14 | 118 | — | 2 |
| 50 to 55 years, | 6 | 68 | — | — |
| 55 to 60 years, | 1 | 38 | — | 2 |
| 60 to 70 years, | — | 29 | — | — |
| 70 to 80 years, | — | — | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 822 | 822 | 7 | 7 |
| Average ages, | 28.00 | 39.47 | 29.64 | 46.07 |

TABLE No. 10. — *Probable Duration of Inebriety before Admission in Persons first committed.*

| | |
|--|-------|
| Under 1 year, | 3 |
| From 1 to 2 years, | 23 |
| 2 to 3 years, | 76 |
| 3 to 4 years, | 34 |
| 4 to 5 years, | 61 |
| 5 to 6 years, | 57 |
| 6 to 7 years, | 34 |
| 7 to 8 years, | 40 |
| 8 to 9 years, | 20 |
| 9 to 10 years, | 81 |
| 10 to 15 years, | 173 |
| 15 to 20 years, | 147 |
| Over 20 years, | 73 |
| Total, | 822 |
| Average known duration (in years), | 10.45 |

TABLE NO. 11. — *Causes of Death.*

| | |
|---|---|
| Myocarditis and alcoholic toxæmia, | 1 |
| Acute alcoholic toxæmia, | 1 |
| Pulmonary tuberculosis, | 1 |
| Carcinoma of liver, | 1 |
| Bronchial pneumonia and alcoholism, | 1 |
| Alcoholic toxæmia, | 1 |
| General miliary tuberculosis, | 1 |
| Total, | 7 |

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Norfolk State Hospital

Public Document

No. 106

Massachusetts

FIFTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORFOLK STATE HOSPITAL

FOR THE YEAR ENDING NOVEMBER 30, 1918



BOSTON

WRIGHT & POTTER PRINTING CO., STATE PRINTERS
32 DERNE STREET

1919

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PUBLICATION OF THIS DOCUMENT
APPROVED BY THE
SUPERVISOR OF ADMINISTRATION.

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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

W. RODMAN PEABODY, *Chairman.*
FRANK L. LOCKE, *Secretary.*
ROBERT A. WOODS.
EDWIN MULREADY.
PHILIP R. ALLEN.
LOMBARD WILLIAMS.
OTHO L. SCHOFIELD, M.D.

IRWIN H. NEFF, M.D., *Superintendent.*

SOLOMON H. RUBIN, M.D., *Acting Physician to Out-
patient Department.*
THOMAS F. FOSS, *Director of Out-patient
Work.*

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

The trustees of the Norfolk State Hospital have the honor to present herewith their fifth annual report.

It is with satisfaction that the trustees find the conduct of the hospital to-day represents a consistent development of the plan recommended in their special report to the Legislature in 1909, and outlined in the summary of that report as follows: "Following the classification of drunkards which was outlined earlier in this report, provision has been suggested for each type. Under the proposed system the accidental drunkard is released with admonition. The occasional drunkard is placed on probation, in order that the court may be informed of the cause of his inebriety and provide appropriate treatment. On subsequent arrest, according to the findings of the probation officer, the man, if a convivial drunkard or of the aggressive type, would be fined, the fine to be paid where necessary to the probation officer. Wherever release, probation and fine prove inadequate, institutional treatment is provided. Curable cases would be placed on probation and sent to the State Hospital, worthy but chronic drunkards to a detention colony, and vicious or criminal cases to the State Farm. Observation wards, erected within the jurisdiction of the State Hospital and detention colony, would serve as centers for observation and segregation of cases.

"The above plan has the advantage of offering a definite program for the care of drunkards. It seeks to provide for each type the treatment which is appropriate; the advice of a probation officer is offered to those who can benefit by such advice; hospital treatment is provided for those who are ill; detention, with minimum amount of criminal stigma, for pathologic cases

which prove incurable; the penal system for criminals and degenerates.

"We believe the above system would save to the Commonwealth much of the expense of frequent arrests, of frequent transportation charges, and of untrained labor now on short sentence, unpaid fines, and the other varied costs of unrestrained or uncured drunkenness."

The Board calls special attention to the value of co-operation with the probation department of the Commonwealth. It is earnestly hoped that this valuable feature of the hospital administration, which is recognized by the hospital and Probation Commission to be mutually advantageous, will be more universally used by the courts.

On May 17, in accordance with an act of the Legislature, 15 women inebriates were transferred from the Westborough State Hospital to the Norfolk State Hospital. At that time the hospital was formally opened for the admission of women, — a hospital colony 2 miles distant from the colony for men being used for that purpose.

For the first time the maintenance fund this year has been used for the threefold object, namely, maintenance of the departments for men and women and the out-patient department. In all these spheres of hospital activity, integral parts of the work have been administered from one central organization and supported by one common fund. Had the work of these departments been carried on with separate administrative units, the overhead cost to the Commonwealth would have been greatly increased.

The activities of the out-patient department have been extended. More agencies have been brought into co-operation with our work. One more office has been established at Quincy, and has met with wholesome and enthusiastic response. The out-patient offices and centers now distributed over the State number twenty-nine. The Board of Trustees, in order to emphasize the rational and effective way in which Massachusetts is dealing with the problem of inebriety, reiterates what it alluded to in a former report, that with the aid and co-operation of the interested parties and agencies it is possible to treat successfully, through the out-patient department, without the

aid of the hospital proper, certain types of patients applying for aid, the institutional care and treatment being retained for those acute cases for which hospital treatment is imperative. Such a method of dealing with inebriety not only minimizes the expense but also benefits the individual, as it allows him to remain on a partial and often on an entirely self-supporting basis.

In our report for the year ending Nov. 30, 1917, we made the following statement: "The hospital staff has, during its decade of special experience, come to have a quite unique acquaintance with those nervous disorders which, in so many cases, underlie the addiction to alcohol. It is the increasing conviction of the Board that the hospital should look forward to broad responsibility for work of physical and mental reconstruction in cases where productive efficiency has temporarily been lost by such disorders, short of any suggestion of insanity, and not associated with any dependence upon narcotics. It was from this point of view that the Board expressed to the Governor an earnest hope that the staff and facilities of the hospital might, so far as practicable, be placed at the disposal of the national government for the care of the numerous and serious cases of nervous shock which will be sent from the front as soon as the American army becomes actually involved in hostilities. It is interesting to note that the treatment which is given at Norfolk to patients whose nerves were shattered by the excessive use of alcohol is practically identical with that treatment which has been found most successful in the English hospitals for restoring men who had suffered nervous breakdowns from their experience in the trenches. The hospital has been placed upon the list of reserve hospitals which might be available to the government for the care of soldiers who are invalided home, and we hope that it may be possible that the hospital, so admirably adapted to the precise purpose, may be drawn into this vital national service."

The government has since leased the hospital from the Commonwealth, and on Oct. 1, 1918, assumed charge of the institution. At that time as many patients as possible who were then at the hospital were discharged and placed in charge of the outpatient department. Those remaining who were in need of

continued hospital treatment were, with the consent of the Governor and Council, transferred to hospitals in Boston to remain under the care of the State. With the permission of the Governor and Council, who agreed to recommendations of the Board of Trustees for the continuance of the hospital activities, arrangements were made so that all administrative business of the hospital could be conducted from the Boston central office. The Washingtonian Home and the Massachusetts Home and Hospital are being used for the treatment of men and women, respectively.

At the time the government leased the hospital from the State Dr. Irwin H. Neff, superintendent, was given leave of absence for the duration of the war. He entered government service, and was stationed at the Norfolk State Hospital. December 1 he was recalled by the Board from leave of absence, and after the acceptance of his resignation by the government he entered the service of the Commonwealth, resuming his duties as superintendent of the Norfolk State Hospital and occupying the superintendent's residence on the hospital site.

Dr. Frederick P. Moore resigned on November 4 to accept a commission in the United States Army. Dr. Charles M. Flagg resigned on October 12. Nelson Crosskill, steward, resigned on October 1.

Owing to the war and industrial activities, and a modification of the hospital administration, there has been since July, 1917, an increasing number of vacant beds at the hospital.

This indicates clearly the opportunity for greater service through more universal use, as suggested in a previous paragraph, and through extension to new activities of the Norfolk State Hospital, so that it will care for not only the alcohol and drug inebriate, but will serve as a reconstruction hospital, allowing for the administration and treatment of types of nervous disease, for which the State has heretofore made no provision for adequate treatment. The State care of nervous invalids has formerly been recommended, and the idea of a public State sanatorium or a neuropsychiatric hospital — a hospital caring for definite types of nervous and mental disease — has been brought before the State authorities, but no legislative action

has been taken. Definite types of nervous disease are constantly appearing in our courts and hospitals and appealing to different agencies for relief. The applicant may indicate alcoholism or drug addiction, may be a misdemeanor or may show a minor form of delinquency which could be suppressed or modified if a proper asylum were provided, where specialized study and appropriate treatment could be instituted. Again, in the different institutions supported by the State, cases are constantly occurring which, for unavoidable reasons due to the character of the institution, cannot be properly treated. In such cases a change of environment and a distinctive method of treatment are required. Reconstructive therapeutics is demanded, — reconstruction of the individual so that he may attain his highest point of efficiency. The treatment requires not only a specially equipped hospital, but a well-organized follow-up system and social service department.

Such extension of our work as above referred to, and indeed the work as now conducted may well be considered as medical-social work of the greatest practical value. The plan now being carried out by Massachusetts is both preventive and remedial. Complete co-operation has been established with judicial, social and welfare agencies in the State, and in conjunction with the patient, his family and his friends. Realizing the wide scope of the work the State has provided complete equipment for the furtherance of these objects, namely: 1. A hospital built on the colony plan, with accommodations for treatment and laboratory work. 2. A State-wide out-patient department providing for: (a) medical-social work; (b) educational propaganda; (c) proper extension of rehabilitation work inaugurated at the hospital.

The Norfolk State Hospital, primarily a reconstruction hospital, is completely equipped, and is prepared to accept its additional duties as above described without appropriation of any additional money for buildings.

The cottages of the hospital are arranged in two colonies. These cottages, with adequate service and administration buildings, are distributed over 1,125 acres of land. This area of land is largely undeveloped, allowing not only for outdoor employment for patients, but offering an opportunity in the develop-

ment of the land, for co-operation with the forestry, agricultural and other State commissions.

The hospital will be ready for reoccupancy by the State as soon as it is vacated by the national government.

The members of the Board are unanimous in their opinion that the time is opportune for the broadening of the reclamation work of the hospital, thus increasing its value to the State by supplying a reconstruction or rehabilitation hospital which will administer to those handicapped by mental or nervous disease.

The Board again calls attention to the desirability of some plan for the transfer of patients from other institutions, and were it not for the probability of change in the State institutional program occasioned by new legislation in connection with the departmental reorganization, or on account of recommendation of the commission to investigate the methods of defective delinquents, the Board would make specific recommendations for legislation.

Respectfully submitted,

W. RODMAN PEABODY.
FRANK L. LOCKE.
ROBERT A. WOODS.
EDWIN MULREADY.
LOMBARD WILLIAMS.
PHILIP R. ALLEN.
OTHO L. SCHOFIELD, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

The following figures refer to the changes in the population of the hospital for the fiscal year beginning Dec. 1, 1917, and ending Nov. 30, 1918.

At the beginning of the year there were 95 patients in the hospital. Since that time 543 cases have been admitted. Of this number, 484, or 90 per cent., were voluntary, and 59, or 10 per cent., were committed. Fifty-one, or 9 per cent., of the total number of cases admitted were under probation or suspended sentence. Three hundred and sixty-six, or 67 per cent., of the admissions for the year were cases of alcoholism, and 177, or 33 per cent., were drug inebriates. Fifty, or 9 per cent., had been in other public or private institutions for treatment for alcoholism or drug addiction. Thirty-nine, or 7 per cent., had served one or more sentences in a penal institution for inebriety. Of the total number of admissions, 350 were new admissions, — men or women who had not previously been at the hospital. During the year, 247 cases were returned from visit, leave of absence and escape. The number of cases under treatment, including observation cases, was 959. Two hundred and eighteen men and women were received as observation cases. A total number of 559 days' board was furnished them. Forty-nine of these cases were eventually admitted as voluntary patients. During the year, 854 patients were discharged from the hospital, and 4 deaths occurred.

The daily average number of patients at the hospital for the year shows a decrease of 78 as compared to the previous year. Since July, 1917, coincident with the declaration of the war, this decrease has been progressive. The hospital, caring for inebriate patients exclusively, the larger proportion of whom, when in a state of sobriety, are self-supporting, has experienced the maximum effect of a decreased population, as compared with a similar condition in other State institutions which care

for a different class of dependents. Every effort has been made by the officers of the hospital to supply the demand made upon them to furnish much-needed help in the industrial world. The hospital treatment of a considerable number of men has been purposely limited, and they have been placed at essential work in charge of the out-patient department of the hospital. A number of patients who have applied for return to the hospital for treatment have found congenial work, and their return to the hospital has for the time been avoided. Investigations have also proven that the shortage of labor has made employers more tolerant of delinquencies on the part of their employees. The conditions above mentioned count in great part for the small daily average of patients. Our knowledge that approximately 500 of our discharged patients have been voluntarily inducted or drafted into military service is also a contributory factor. A survey of all conditions since the cessation of the war warrants us in saying that with the curtailment of industrial war activities and the demobilization of the army many of our former patients will again come under our jurisdiction.

Notwithstanding the shortage of hospital patient labor, the physical condition of the hospital has not suffered. Although many permanent improvements, such as road making, grading, building of cement walks, etc., which had been planned to be done, have been unavoidably postponed, the upkeep of the institution has been maintained.

One new out-patient office at Quincy has been established during the year. The out-patient offices and centers now number twenty-nine, distributed as follows:—

EASTERN DIVISION.

Boston, central office.

New Bedford.
Fall River.
Lowell.

Salem.
Brockton.
Quincy.

Visiting Centers.

Attleboro.
Natick.
Haverhill.
Woburn.
Lawrence.

Taunton.
Gloucester.
Plymouth.
Lynn.

WESTERN DIVISION.

Springfield, central office.

| | |
|--------------|------------|
| Pittsfield. | Worcester. |
| Greenfield. | Fitchburg. |
| Northampton. | Adams. |

Visiting Centers.

| | |
|----------|-------------------|
| Athol. | Westfield. |
| Gardner. | Great Barrington. |
| Warren. | Holyoke. |

Many new avenues of individual work have been opened up during the year, and the department shows a healthy growth in every line of endeavor.

The belief in the practical importance of the work of the hospital is shown in the continued co-operation of State, municipal and private agencies, and the courts, which have heartily indorsed its methods.

Owing to the increased expense of travel, out-patient visits to the more distant districts have been curtailed. Consequently the number of visits of patients to the offices and the total number of cases reported on shows a decrease as compared to the preceding year.

The increased number of social service cases referred for treatment, who have been treated by the out-patient department without being sent to the hospital, is an economy worthy of mention.

The following is a brief summary of the work performed by the out-patient department during the year:—

| | |
|---|--------|
| Visits to office by patients, | 2,978 |
| Visits to homes of patients, | 3,780 |
| Financial aid, | 24 |
| Situations obtained, | 90 |
| Referred for employment, | 96 |
| Letters sent, | 11,134 |
| Consultations and interviews, | 750 |
| Inquiries, | 487 |
| Social service, | 215 |

The following statistical table gives information concerning discharged patients for a nine-year period beginning Oct. 1, 1909, and ending Oct. 1, 1918, and verified to Jan. 1, 1919:—

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | From Oct. 1, 1914, to Oct. 1, 1915. | From Oct. 1, 1915, to Oct. 1, 1916. | From Oct. 1, 1916, to Oct. 1, 1917. | From Oct. 1, 1917, to Oct. 1, 1918. | Totals. |
|--|--|--|--|--|--|--|--|--|--|---------|
| Abstinent, | 44 | 36 | 89 | 78 | 105 | 197 | 202 | 244 | 133 | 1,128 |
| Improved, drinking some, but working and earning a live- lihood. | 22 | 14 | 9 | 10 | 28 | 48 | 34 | 44 | 21 | 230 |
| Unimproved, not benefited by hospital treatment. | 65 | 69 | 104 | 124 | 110 | 168 | 248 | 297 | 141 | 1,316 |
| Patients not located, present condition unknown. | 60 | 98 | 60 | 154 | 115 | 195 | 289 | 298 | 139 | 1,306 |
| Died, | 14 | 12 | 6 | 11 | 30 | 15 | 24 | 26 | 12 | 148 |
| Insane, | 1 | — | — | 10 | — | — | — | 6 | — | 17 |
| Totals, | 206 | 229 | 268 | 497 | 388 | 630 | 797 | 934 | 446 | 4,145 |

IRWIN H. NEFF, M.D.

Superintendent.

VALUATION.

Nov. 30, 1918.

Land:—

| | | |
|----------------------------------|------------|-------------|
| Grounds (120 acres), | \$6,708 40 | |
| Woodland (265½ acres), | 11,468 23 | |
| Mowing (48¼ acres), | 1,924 13 | |
| Tillage (41½ acres), | 2,096 67 | |
| Orchard (14½ acres), | 586 09 | |
| Pasture (210½ acres), | 8,508 41 | |
| Waste (423¾ acres), | 17,013 06 | |
| Total (1,124 acres), | | \$48,304 99 |

Buildings:—

| | | |
|-------------------------------------|--------------|------------|
| Inmates, | \$116,563 00 | |
| Employees, | 11,712 00 | |
| Administration, | 99,741 00 | |
| Farm, stable and grounds, | 23,772 00 | |
| Heat, light and power, | 11,460 00 | |
| Miscellaneous, | 38 00 | |
| | | 263,286 00 |

Miscellaneous:—

| | | |
|--|-------------|-----------|
| Equipment for heat, light and power, | \$22,421 00 | |
| Heating system, | 16,792 00 | |
| Hot-water system, | 182 00 | |
| Sewerage system, | 3,597 00 | |
| Subways, | 219 00 | |
| Water system, | 11,870 00 | |
| Equipment for laundry, | 2,751 00 | |
| All other items, | 9,693 00 | |
| | | 67,525 00 |

Inventory of personal property:—

| | | |
|---|------------|------------|
| Travel, transportation, etc., | \$1,966 76 | |
| Food, | 11,190 33 | |
| Clothing and material, | 4,119 31 | |
| Furnishings and household supplies, | 32,701 27 | |
| Medical and general care, | 5,982 15 | |
| Heat, light and power, | 11,490 31 | |
| Farm and stable, | 18,214 75 | |
| Grounds, | 401 26 | |
| Repairs, ordinary, | 14,652 66 | |
| | | 100,718 80 |

Grand total, \$479,834 79

TREASURER'S REPORT.

To the Trustees of the Norfolk State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1918:—

| CASH ACCOUNT. | | | |
|--|----------|------------|--------------|
| Balance Dec. 1, 1917, | . | . | \$325 10 |
| <i>Receipts.</i> | | | |
| <i>Institution Receipts.</i> | | | |
| Board of inmates:— | | | |
| Private, | . | \$645 61 | |
| Reimbursements, charitable, | . | 35 76 | |
| | | | \$681 37 |
| Sales:— | | | |
| Travel, transportation and office expenses, | . | \$52 94 | |
| Food, | . | 140 47 | |
| Clothing and materials, | . | 24 08 | |
| Furnishings and household supplies, | . | 2 07 | |
| Medical and general care, | . | 27 13 | |
| Heat, light and power, | . | 68 91 | |
| Farm and stable:— | | | |
| Cows and calves, | \$840 80 | | |
| Pigs and hogs, | 1,442 10 | | |
| Hides, | 5 72 | | |
| Wood, | 516 00 | | |
| Sundries, | 30 10 | | |
| | | 2,834 72 | |
| Repairs, ordinary, | . | 28 38 | |
| | | | 3,178 70 |
| Miscellaneous receipts:— | | | |
| Interest on bank balances, | . | \$112 41 | |
| Sundries, | . | 71 10 | |
| | | | 183 51 |
| | | | 4,043 58 |
| <i>Receipts from Treasury of Commonwealth.</i> | | | |
| Maintenance appropriations:— | | | |
| Balance of 1917 (hospital), | . | \$1,716 51 | |
| Advance money (amount on hand November 30), | . | 14,000 00 | |
| Approved schedules of 1918 (hospital), | . | 89,726 99 | |
| Balance of 1917 (out-patient department), | . | 759 50 | |
| Approved schedules of 1918 (out-patient department), | . | 7,343 89 | |
| | | | 113,546 89 |
| Special appropriations, | . | . | 476 56 |
| Total, | . | . | \$118,392 13 |

Payments.

| | | |
|---|------------|--------------|
| To treasury of Commonwealth, institution receipts, | | \$4,043 58 |
| Maintenance appropriations: — | | |
| Balance November schedule, 1917 (hospital), | \$2,736 65 | |
| Ten months' schedules, 1918 (hospital), | 89,726 99 | |
| October and November advances (hospital), | 8,287 87 | |
| Balance November schedule, 1917 (out-patient department), | 64 46 | |
| Eleven months' schedules, 1918 (out-patient department), | 8,852 86 | |
| November advances (out-patient department), | 1,082 72 | |
| | <hr/> | 110,751 55 |
| Special appropriations, approved schedules, | | 476 56 |
| Balance, Nov. 30, 1918: — | | |
| In bank, | | 3,120 44 |
| | | <hr/> |
| Total, | | \$118,392 13 |

MAINTENANCE.

| | |
|--|--------------|
| Appropriation, current year, | \$133,200 00 |
| Balance from previous year, brought forward, | 9 60 |
| | <hr/> |
| Total, | \$133,209 60 |
| Expenses (as analyzed below), | 114,089 25 |
| | <hr/> |
| Balance reverting to treasury of Commonwealth, | \$19,120 35 |

Analysis of Expenses.

Salaries, wages: —

| | |
|---|-------------|
| Irwin H. Neff, M.D., superintendent (for ten months), | \$3,750 00 |
| General administration, | 18,445 26 |
| Medical service, | 3,807 01 |
| Ward service (male), | 6,589 40 |
| Ward service (female), | 826 94 |
| Repairs, | 4,750 79 |
| Farm and stable, | 5,253 33 |
| Out-patient department, | 5,368 45 |
| | <hr/> |
| | \$48,791 18 |

Religious instruction: —

| | |
|-----------------------|----------|
| Catholic, | \$480 00 |
| Protestant, | 427 24 |
| | <hr/> |
| | 907 24 |

Travel, transportation and office expenses: —

| | |
|--|------------|
| Automobile repairs and supplies, | \$1,446 82 |
| Postage, | 248 31 |
| Printing and binding, | 80 08 |
| Printing annual report, | 104 77 |
| Stationery and office supplies, | 423 83 |
| Telephone and telegraph, | 462 77 |
| Travel, | 403 47 |
| | <hr/> |

| | | |
|---|------------|-------------|
| <i>Amounts carried forward,</i> | \$3,170 05 | \$49,698 42 |
|---|------------|-------------|

| | | |
|--|------------|-------------|
| <i>Amounts brought forward,</i> | \$3,170 05 | \$49,698 42 |
| Travel, transportation and office expenses — <i>Con.</i> | | |
| Sundries, | 9 75 | |
| Freight, | 23 14 | |
| | | 3,202 94 |
| Food:— | | |
| Butter, | \$144 00 | |
| Butterine, | 1,368 88 | |
| Beans, | 130 00 | |
| Bread, crackers, etc., | 104 27 | |
| Canned soups, | 36 83 | |
| Cereals, rice, meal, etc., | 562 31 | |
| Cheese, | 171 81 | |
| Eggs, | 1,721 37 | |
| Flour, | 2,037 98 | |
| Fish (fresh, cured and canned), | 1,400 04 | |
| Fruit (fresh), | 183 66 | |
| Fruit (dried and preserved), | 805 05 | |
| Lard and substitutes, | 717 48 | |
| Macaroni and spaghetti, | 53 52 | |
| Meats, | 6,270 70 | |
| Milk (fresh and substitutes), | 355 36 | |
| Molasses and syrups, | 443 61 | |
| Peanut butter, pie filling, etc., | 95 92 | |
| Potatoes, | 446 76 | |
| Seasonings and condiments, | 354 83 | |
| Sugar, | 510 32 | |
| Tea, coffee, cocoa, etc., | 718 57 | |
| Vegetables (fresh), | 121 81 | |
| Vegetables (canned and dried), | 739 33 | |
| Yeast, baking powder, etc., | 211 64 | |
| Freight, | 221 34 | |
| | | 19,927 39 |
| Clothing and materials:— | | |
| Boots, shoes and rubbers, | \$486 47 | |
| Clothing (outer), | 694 99 | |
| Clothing (under), | 231 00 | |
| Dry goods for clothing, | 31 94 | |
| Hats and caps, | 1 80 | |
| Leather and shoe findings, | 46 34 | |
| Socks and smallwares, | 110 46 | |
| Freight, | 9 50 | |
| | | 1,612 50 |
| Furnishings and household supplies:— | | |
| Beds, bedding, etc., | \$972 61 | |
| Carpets, rugs, etc., | 195 14 | |
| Crockery, glassware, cutlery, etc., | 287 66 | |
| Dry goods and smallwares, | 29 25 | |
| Electric lamps, | 228 85 | |
| Fire hose and extinguishers, | 49 24 | |
| Furniture, upholstery, etc., | 280 67 | |
| Kitchen and household wares, | 813 05 | |
| Laundry supplies and materials, | 866 95 | |
| <i>Amounts carried forward,</i> | \$3,723 42 | \$74,441 25 |

| | | | |
|---|------------|------------|--------------|
| <i>Amounts brought forward,</i> | | \$3,723 42 | \$74,441 25 |
| Furnishings and household supplies — <i>Con.</i> | | | |
| Lavatory supplies and disinfectants, | | 38 24 | |
| Table linen, paper napkins, towels, etc., | | 181 93 | |
| Freight, | | 58 73 | |
| | | | 4,002 32 |
| Medical and general care: — | | | |
| • Hospital: — | | | |
| Books, periodicals, etc., | \$286 46 | | |
| Entertainments, games, etc., | 487 06 | | |
| Funeral expenses, | 79 23 | | |
| Gratuities, | 816 50 | | |
| Ice and refrigeration, | 117 56 | | |
| Laboratory supplies and apparatus, | 43 90 | | |
| Medicines (supplies and apparatus), | 652 89 | | |
| Medical attendance (extra), | 4 00 | | |
| Tobacco, pipes, matches, | 32 19 | | |
| Sundries, | 84 | | |
| Freight, | 68 61 | | |
| | | \$2,589 24 | |
| Out-patient department: — | | | |
| Fuel, | \$187 88 | | |
| Janitor service, | 42 00 | | |
| Janitor supplies, | 15 87 | | |
| Light, | 52 17 | | |
| Office equipment, | 60 75 | | |
| Postage, | 285 88 | | |
| Printing, | 98 21 | | |
| Rent, | 960 00 | | |
| Stationery and office supplies, | 114 16 | | |
| Telephone and telegraph, | 117 94 | | |
| Travel and expenses, | 1,735 64 | | |
| Water, | 13 20 | | |
| Sundries, | 127 51 | | |
| Freight, | 1 50 | | |
| Hospital care: — | | | |
| Men, | \$1,520 75 | | |
| Women, | 737 38 | | |
| | | 2,258 13 | |
| Tobacco, | 3 55 | | |
| Gratuities, | 2 95 | | |
| | | 6,077 34 | |
| | | | 8,666 58 |
| Heat, light and power: — | | | |
| Coal, | \$4,867 11 | | |
| Freight on coal and other expenses, | 7,628 75 | | |
| Oil, | 289 09 | | |
| Operating supplies for boilers and engines, | 542 23 | | |
| Sundries, | 34 00 | | |
| Freight, | 16 25 | | |
| | | | 13,377 43 |
| <i>Amount carried forward,</i> | | | \$100,487 58 |

Amount brought forward, \$100,487 58

Farm and stable: —

| | |
|--|----------|
| Bedding materials, | \$3 69 |
| Blacksmithing and supplies, | 259 60 |
| Carriages, wagons and repairs, | 115 45 |
| Dairy equipment and supplies, | 22 23 |
| Fertilizers, | 771 09 |
| Grain, etc., | 4,033 91 |
| Hay, | 583 20 |
| Harnesses and repairs, | 66 61 |
| Other live stock, | 15 00 |
| Labor (not on pay roll), | 301 01 |
| Spraying materials, | 47 47 |
| Stable and barn supplies, | 84 52 |
| Tools, implements, machines, etc., | 75 27 |
| Trees, vines, seeds, etc., | 263 03 |
| Veterinary services, supplies, etc., | 131 94 |
| Sundries, | 73 61 |
| Freight, | 61 36 |

6,908 99

Grounds: —

| | |
|--|----------|
| Rent, | \$487 50 |
| Tools, implements, machines, etc., | 18 79 |
| Trees, vines, shrubs, seeds, etc., | 119 49 |
| Sundries, | 54 87 |
| Freight, | 35 |

681 00

Repairs, ordinary: —

| | |
|---|--------|
| Brick, | \$2 74 |
| Cement, lime, crushed stone, etc., | 350 05 |
| Electrical work and supplies, | 110 20 |
| Hardware, iron, steel, etc., | 246 19 |
| Lumber, etc. (including finished products), | 275 96 |
| Paint, oil, glass, etc., | 544 47 |
| Plumbing and supplies, | 222 65 |
| Roofing and materials, | 101 47 |
| Steam fittings and supplies, | 562 19 |
| Tents, awnings, etc., | 33 55 |
| Tools, machines, etc., | 185 45 |
| Boilers, repairs, | 517 93 |
| Engines, repairs, | 15 72 |
| Sundries, | 41 87 |
| Freight, | 72 92 |

3,283 36

Repairs and renewals: —

| | |
|---|----------|
| Window and door guards for oval cottages, | \$658 30 |
| Fire escapes for oval cottages, | 1,350 00 |
| Centrifugal pump, | 198 04 |
| Wire gratings for north hospital, | 9 50 |
| Wire gratings for south hospital, | 438 20 |
| Freight, | 74 28 |

2,728 32

Total expenses for maintenance, \$114,089 25

SPECIAL APPROPRIATIONS.

| | |
|---|------------|
| Balance Dec. 1, 1917, | \$2,738 00 |
| Expended during the year (see statement annexed), | 476 56 |
| Balance Nov. 30, 1918, | \$2,261 44 |

RESOURCES AND LIABILITIES.

Resources.

| | | | |
|---|---------------------|------------|-------------|
| Cash on hand, | | \$3,120 44 | |
| October cash vouchers (paid from advance money), account of maintenance (hospital), | \$8,116 64 | | |
| November cash vouchers (paid from advance money):— | | | |
| Account of maintenance (hospital), | \$171 23 | | |
| Account of maintenance (out-patient department), | 1,082 72 | | |
| | <hr/> | 1,253 95 | |
| | | | 9,370 59 |
| Due from treasury of Commonwealth from available appropriation account, October and November, 1918, schedules:— | | | |
| Account of October:— | | | |
| Hospital, | \$179 51 | | |
| Out-patient department, | 1,508 97 | | |
| Account of November:— | | | |
| Hospital, | 236 96 | | |
| Out-patient department, | 1,092 93 | | |
| | <hr/> | 3,018 37 | |
| | | | \$15,509 40 |
| | <i>Liabilities.</i> | | |
| Schedule of October bills (hospital), | \$12,679 51 | | |
| Schedule of November bills (hospital), | 236 96 | | |
| Schedule of November bills, out-patient department, | 2,592 93 | | |
| | <hr/> | | \$15,509 40 |

PER CAPITA.

During the year the average number of inmates has been (including observation cases), 90.63.

Total cost for maintenance (including men's department, women's department and out-patient department, and \$11,395.68 on account of United States Army, General Hospital No. 34), \$114,089.25.

Equal to a weekly per capita cost of \$24.20.

Receipt from sales, \$3,178.70.

Equal to a weekly per capita of \$0.6744.

All other institution receipts, \$864.88.

Equal to a weekly per capita of \$0.1835.

Memorandum.

Total expenses, \$114,089.25.

Due from United States Army, General Hospital No. 34, \$11,395.68.

Net Norfolk State Hospital expenses for men's department, women's department and out-patient department (equal to a weekly capita of \$21.7905), \$102,693.57.

Special Appropriations.

| OBJECT. | Act or Resolve. | Whole Amount. | Expended during Fiscal Year. | Expended to Date. | Balance at End of Year. |
|-----------------------------------|---------------------------------|---------------|------------------------------|-------------------|-------------------------|
| Land purchase, | Acts 1910, chap. 635, | \$50,000 00 | — | \$49,766 47 | \$233 53 |
| Trestle and spur track, | Res. 1914, chap. 142, | 4,000 00 | — | 3,306 55 | 693 45 |
| Additional land, | Res. 1915, chap. 145, | 5,000 00 | — | 4,928 69 | 71 31 |
| Barn and storage house, | Res. 1916, chap. 97, | 4,000 00 | \$476 56 | 2,736 85 | 1,263 15 |
| | | \$63,000 00 | \$476 56 | \$60,738 56 | \$2,261 44 |

Respectfully submitted,

IRWIN H. NEFF,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,
Auditor.

STATISTICAL TABLES

FOR A TEN-MONTH PERIOD, DEC. 1, 1917, TO OCT. 1, 1918.

[FORM PRESCRIBED BY THE STATE BOARD OF CHARITY.]

RECEIVED OF CHARITY DEPT

GENERAL STATISTICS.

TABLE NO. 1. — *General Statistics for Year.*

| | | |
|---|-----|--|
| Patients in hospital Dec. 1, 1917, | 95 | |
| Admissions within the year, | 609 | |
| By commitment, | 50 | |
| Voluntary, | 425 | |
| By transfer, | 15 | |
| By return from leave of absence of previous years, | 11 | |
| By return from escape of previous years, | 3 | |
| By return from visit of previous years, | 105 | |
| Whole number of cases within the year, | 704 | |
| Final discharges within the year, | - | |
| By death while in hospital, | 4 | |
| By death while on leave of absence, | - | |
| By death while on visit, | - | |
| By death, escaped, | - | |
| As insane, | - | |
| By time limit while in hospital, | 1 | |
| By time limit while on leave of absence, | 122 | |
| By time limit escaped, | 3 | |
| "As not to be benefited by further treatment" while in hospital, | 9 | |
| "As not to be benefited by further treatment" while on leave of absence, | 2 | |
| "As not to be benefited by further treatment" while on visit, | 3 | |
| "As not to be benefited by further treatment" while on escape, | - | |
| Expiration of visit, | 802 | |
| Deported, | - | |
| Patients absent, not finally discharged, dismissed in 1918, | 746 | |
| Leave of absence, | 75 | |
| Escape, | 2 | |
| Visit, | 669 | |

TABLE NO. 1. — *General Statistics for Year* — Concluded.

| | |
|--|-------|
| Patients absent, not finally discharged dismissed in previous years, | 164 |
| Leave of absence, | 148 |
| Escaped, | 16 |
| Patients remaining in hospital Oct. 1, 1918, | 48 |
| Viz.: State patients, | — |
| Private patients, | — |
| Reimbursing, | — |
| Number of different persons admitted, | 522 |
| Number of different persons dismissed, | 669 |
| Daily average number of patients (including observation cases), . | 90.63 |
| Viz.: State patients, | 80.63 |
| Private patients, | 10.00 |
| Reimbursing patients, | — |

TABLE No. 2. — *Monthly Admissions, Discharges and Averages.*

| | ADMISSIONS. | | | | | | | | | | DISCHARGES. | | | | | | | Daily Average of Patients in Hospital. | | | |
|--|--------------|------------|---|---|---|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------|-------------|---------|-------------|-----------|--------|-------------------|--|--------------|---------|---------|
| | Commitments. | Voluntary. | Returns from Leave of Absence of 1915-16. | Returns from Leave of Absence of 1916-17. | Returns from Leave of Absence of 1917-18. | Returns from Visit of 1916-17. | Returns from Visit of 1917-18. | Returns from Escape of 1915-16. | Returns from Escape of 1916-17. | Returns from Escape of 1917-18. | Totals. | FINAL. | | | | | | | CONDITIONAL. | | |
| | | | | | | | | | | | | Time Limit. | Insane. | Unsuitable. | Deported. | Death. | Leave of Absence. | | Escapes. | Visits. | Totals. |
| | | | | | | | | | | | | | | | | | | | | | |
| 1917. | | | | | | | | | | | | | | | | | | | | | |
| December, | 4 | 41 | 1 | 2 | - | 21 | 4 | - | - | - | 73 | - | 2 | - | - | 9 | 1 | 47 | 57 | 106.10 | |
| 1918. | | | | | | | | | | | | | | | | | | | | | |
| January, | 7 | 37 | - | 2 | 1 | 21 | 5 | - | - | - | 73 | - | 3 | - | 2 | 7 | - | 51 | 58 | 118.58 | |
| February, | 7 | 37 | 1 | - | 1 | 11 | 5 | - | - | - | 62 | - | - | - | - | 4 | - | 40 | 53 | 135.96 | |
| March, | 9 | 44 | - | - | - | 9 | 10 | - | - | - | 73 | - | - | - | - | 12 | - | 76 | 88 | 122.45 | |
| April, | 7 | 42 | - | 1 | 2 | 14 | 11 | - | 1 | - | 77 | - | 1 | - | - | 10 | 1 | 74 | 85 | 110.70 | |
| May, | 7 | 51 | - | 3 | 2 | 7 | 15 | - | 1 | - | 86 | - | - | - | - | 12 | - | 72 | 84 | 106.90 | |
| June, | 2 | 47 | - | 1 | 3 | 6 | 6 | 1 | - | - | 65 | - | 1 | - | - | 19 | - | 76 | 95 | 97.46 | |
| July, | 3 | 57 | - | - | 1 | 8 | 9 | - | - | - | 79 | - | 2 | - | - | 7 | - | 82 | 89 | 85.68 | |
| August, | 1 | 43 | - | - | 1 | 5 | 19 | - | - | - | 70 | - | 2 | 1 | 1 | 10 | - | 67 | 77 | 77.33 | |
| September, | 3 | 26 | - | - | 1 | 3 | 14 | - | - | - | 47 | - | - | - | - | 5 | 1 | 59 | 65 | 64.34 | |
| October, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| November, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Total of admissions, | 50 | 425 | 2 | 9 | 13 | 105 | 98 | 1 | 2 | - | 705 | - | 9 | - | 4 | 95 | 3 | 653 | 751 | - | |
| Total of persons, | 50 | 425 | 2 | 9 | 13 | 105 | 98 | 1 | 2 | - | 705 | - | 9 | - | 4 | 95 | 3 | 653 | 751 | - | |
| Total returns from leave of absence, escapes and visits within the year, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Total of persons, etc., | - | - | 2 | 9 | 13 | 105 | 98 | 1 | 2 | - | 230 | - | - | - | - | - | - | - | - | - | |
| Total of final discharges, | - | - | 2 | 9 | 12 | 105 | 90 | 1 | 2 | - | 221 | - | - | - | - | - | - | - | - | - | |
| Total of persons finally discharged, | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | 4 | - | - | - | - | - | |
| Total of conditional discharges, | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | 4 | - | - | - | - | - | |
| Total of persons conditionally discharged, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 95 | 3 | 653 | 751 | - | |
| Remaining away, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 84 | 3 | 568 | 655 | - | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 223 | 18 | 669 | 910 | - | |

TABLE NO. 3. — *Received on First and Subsequent Commitments.*

| | Males. | Females. | Totals. |
|-----------------------------|--------|----------|---------|
| First, | 275 | 60 | 335 |
| Second, | 115 | 1 | 116 |
| Third, | 21 | — | 21 |
| Total of cases, | 411 | 61 | 472 |
| Total of persons, | 411 | 61 | 472 |

TABLE NO. 4. — *Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|-------------------------------------|----------|---------|---------|
| Massachusetts, | 214 | 81 | 80 |
| Other New England States, | 31 | 33 | 28 |
| Other States, | 26 | 22 | 25 |
| Total native, | 271 | 136 | 135 |
| Ireland, | 23 | 107 | 109 |
| Canada, | 17 | 32 | 27 |
| England, | 8 | 19 | 20 |
| Germany, | — | 5 | 5 |
| Scotland, | 3 | 10 | 11 |
| Sweden, | 3 | 6 | 6 |
| France, | — | 1 | 2 |
| Russia, | 3 | 6 | 6 |
| Italy, | 4 | 10 | 10 |
| Austria, | 1 | 2 | 2 |
| Wales, | — | — | 1 |
| Norway, | 1 | 1 | 1 |
| West Indies, | 1 | 1 | — |
| Total foreign, | 64 | 199 | 200 |
| Total, | 335 | 335 | 335 |

TABLE No. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 180 |
| Essex County, | 14 |
| Bristol County, | 9 |
| Middlesex County, | 35 |
| Plymouth County, | 15 |
| Worcester County, | 22 |
| Norfolk County, | 20 |
| Hampden County, | 24 |
| Franklin County, | 1 |
| Hampshire County, | 6 |
| Barnstable County, | 1 |
| Berkshire County, | 8 |
| Dukes County, | — |
| Total, | 335 |
| Cities and large towns over 10,000, | 309 |
| Country districts under 10,000, | 26 |

TABLE No. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Single. | Married. | Widowers. | Divorcéd. | Total. |
|------------------------|---------|----------|-----------|-----------|--------|
| First, | 159 | 139 | 26 | 11 | 335 |
| Total cases, | 159 | 139 | 26 | 11 | 335 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | VOLUNTARY. | | COMMITTED. | | TOTALS. | |
|-----------------------------|------------|----------|------------|----------|---------|----------|
| | Males. | Females. | Males. | Females. | Males. | Females. |
| Adams, | — | — | 1 | — | 1 | — |
| Avon, | 1 | — | — | — | 1 | — |
| Billerica, | 1 | — | — | — | 1 | — |
| Beverly, | 1 | — | — | — | 1 | — |
| Boston, | 116 | 41 | 5 | 2 | 121 | 43 |
| Brockton, | 10 | — | — | 1 | 10 | 1 |
| Brookline, | 3 | 2 | — | — | 3 | 2 |
| Cambridge, | 6 | 2 | 1 | — | 7 | 2 |
| Canton, | 2 | — | — | — | 2 | — |
| Charlton, | — | — | — | 1 | — | 1 |
| Chelsea, | 7 | — | 6 | — | 13 | — |
| Clinton, | — | — | 2 | — | 2 | — |
| Cohasset, | 1 | — | — | — | 1 | — |
| Conway, | 1 | — | — | — | 1 | — |
| Danvers, | — | — | 1 | — | 1 | — |
| Dedham, | — | — | 1 | — | 1 | — |
| Easthampton, | — | — | 1 | — | 1 | — |
| Everett, | 1 | — | — | — | 1 | — |
| Fall River, | 4 | — | — | — | 4 | — |
| Fitchburg, | 2 | — | — | — | 2 | — |
| Foxborough, | 1 | — | — | — | 1 | — |
| Great Barrington, | 1 | — | — | — | 1 | — |
| Hingham, | 1 | 1 | — | — | 1 | 1 |
| Holyoke, | 1 | — | — | — | 1 | — |
| Hull, | 1 | — | — | — | 1 | — |
| Lawrence, | 3 | — | — | — | 3 | — |
| Lee, | 1 | — | 1 | — | 2 | — |
| Lowell, | 4 | — | — | — | 4 | — |
| Lynn, | 3 | — | — | — | 3 | — |
| Malden, | — | — | 1 | — | 1 | — |
| Mansfield, | 2 | — | — | — | 2 | — |
| Marlborough, | 3 | — | — | — | 3 | — |
| Medford, | 2 | — | 1 | — | 3 | — |
| Melrose, | 1 | — | — | — | 1 | — |
| Milford, | 2 | — | — | — | 2 | — |
| Millbury, | — | 1 | — | — | — | 1 |
| Millis, | 2 | — | — | — | 2 | — |
| Natick, | 1 | — | 1 | — | 2 | — |
| New Bedford, | 2 | — | — | — | 2 | — |
| Newton, | 2 | — | — | — | 2 | — |
| Norfolk, | 1 | — | — | — | 1 | — |
| North Easton, | — | 1 | — | — | — | 1 |
| Palmer, | 1 | — | — | — | 1 | — |
| Peabody, | — | — | 1 | — | 1 | — |
| Petersham, | — | — | — | 1 | — | 1 |
| Pittsfield, | 2 | 1 | 1 | — | 3 | 1 |
| Quincy, | 1 | — | — | — | 1 | — |

TABLE NO. 7. — *Town Residence of Persons first committed* — Concluded.

| | VOLUNTARY. | | COMMITTED. | | TOTALS. | |
|------------------------|------------|----------|------------|----------|---------|----------|
| | Males. | Females. | Males. | Females. | Males. | Females. |
| Revere, | 3 | — | — | — | 3 | — |
| Salem, | 1 | — | 4 | — | 5 | — |
| Sandwich, | 1 | — | — | — | 1 | — |
| Sharon, | 1 | — | — | — | 1 | — |
| Somerville, | 4 | 1 | — | — | 4 | 1 |
| Springfield, | 17 | 4 | 1 | — | 18 | 4 |
| Stoughton, | 1 | — | — | — | 1 | — |
| Walpole, | 1 | — | — | — | 1 | — |
| Ware, | — | — | 4 | — | 4 | — |
| Watertown, | 1 | 1 | 1 | — | 2 | 1 |
| Webster, | 4 | — | 1 | — | 5 | — |
| Westfield, | 1 | — | — | — | 1 | — |
| Weymouth, | 1 | — | — | — | 1 | — |
| Whitman, | 1 | — | — | — | 1 | — |
| Worcester, | 8 | — | — | — | 8 | — |
| Wrentham, | 1 | — | — | — | 1 | — |
| Totals, | 240 | 55 | 35 | 5 | 275 | 60 |
| | 295 | | 40 | | 335 | |

TABLE NO. 8. — *Occupations of Persons first committed.*

| | Males. | Females. | Totals. |
|--|--------|----------|---------|
| Actors, | 2 | — | 2 |
| Advertising solicitors, | 2 | — | 2 |
| Author, | 1 | — | 1 |
| Barbers, | 6 | — | 6 |
| Bartenders, | 3 | — | 3 |
| Blacksmiths, | 2 | — | 2 |
| Bookkeepers, | 3 | — | 3 |
| Brakemen, | 2 | — | 2 |
| Bricklayers, | 2 | — | 2 |
| Broker, | 1 | — | 1 |
| Brushmaker, | — | 1 | 1 |
| Carpenters, | 2 | — | 2 |
| Cashier, | — | 1 | 1 |
| Chauffeurs, | 8 | — | 8 |
| Clergyman, | 1 | — | 1 |
| Clerks, | 25 | 2 | 27 |
| Conductors, | 2 | — | 2 |
| Cooks, | 2 | — | 2 |
| Dancers, | — | 2 | 2 |
| Dentists, | 2 | — | 2 |
| Deputy sealer of weights and measures, | 1 | — | 1 |
| Dressmakers, | — | 2 | 2 |
| Electricians, | 3 | — | 3 |
| Engineer, | 1 | — | 1 |
| Farmer, | 1 | — | 1 |
| Firemen, | 3 | — | 3 |
| Foreman, | 1 | — | 1 |
| Glass cutter, | 1 | — | 1 |
| Hotel keeper, | 1 | — | 1 |
| Housemaids, | — | 12 | 12 |
| Housewives, | — | 18 | 18 |
| Iceman, | 1 | — | 1 |
| Iron workers, | 6 | — | 6 |
| Janitors, | 3 | — | 3 |
| Laborers, | 22 | — | 22 |
| Lather, | 1 | — | 1 |
| Laundresses, | — | 2 | 2 |
| Lawyer, | 1 | — | 1 |
| Leather workers, | 3 | — | 3 |
| Linemen, | 2 | — | 2 |
| Livery stable keeper, | 1 | — | 1 |
| Machinists, | 22 | — | 22 |
| Mason, | 1 | — | 1 |
| Meat cutters, | 3 | — | 3 |
| Mechanic, | 1 | — | 1 |
| Mill operatives, | 5 | 3 | 8 |
| Musicians, | 2 | 1 | 3 |
| Nurses, | 5 | 3 | 8 |
| Officer, | 1 | — | 1 |

TABLE NO. 8. — *Occupations of Persons first committed* — Concluded.

| | Males. | Females. | Totals. |
|-------------------------------|--------|----------|---------|
| Packers, | 2 | — | 2 |
| Painters, | 9 | — | 9 |
| Pattern maker, | 1 | — | 1 |
| Peddlers, | 3 | — | 3 |
| Physician, | 1 | — | 1 |
| Plasterer, | 1 | — | 1 |
| Plumbers, | 4 | — | 4 |
| Porter, | 1 | — | 1 |
| Pressmen, | 3 | — | 3 |
| Printers, | 3 | — | 3 |
| Reporter, | 1 | — | 1 |
| Roofers, | 2 | — | 2 |
| Rubber workers, | 3 | — | 3 |
| Salesgirls, | — | 5 | 5 |
| Salesmen, | 14 | — | 14 |
| Seamstresses, | — | 2 | 2 |
| Shippers, | 2 | — | 2 |
| Shoe cutters, | 4 | — | 4 |
| Shoeworkers, | 20 | — | 20 |
| Stableman, | 1 | — | 1 |
| Steam fitters, | 5 | — | 5 |
| Stenographers, | 2 | — | 2 |
| Steward, | 1 | — | 1 |
| Stone cutters, | 2 | — | 2 |
| Tailors, | 2 | — | 2 |
| Teamsters, | 13 | — | 13 |
| Telephone operator, | — | 1 | 1 |
| Tinsmiths, | 2 | — | 2 |
| Waiters, | 14 | — | 14 |
| Waitresses, | — | 5 | 5 |
| Wire worker, | 1 | — | 1 |
| Totals, | 275 | 60 | 335 |

TABLE No. 9. — *Ages at First Attack, Admission and Death.*

| AGES. | FIRST COMMITTED. | | DIED. | |
|--------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | 1 | — | — | — |
| From 15 to 20 years, | 48 | 2 | — | — |
| 20 to 25 years, | 109 | 28 | — | — |
| 25 to 30 years, | 81 | 54 | — | — |
| 30 to 35 years, | 63 | 63 | — | — |
| 35 to 40 years, | 13 | 71 | — | — |
| 40 to 45 years, | 18 | 50 | — | — |
| 45 to 50 years, | 2 | 32 | — | — |
| 50 to 55 years, | — | 14 | — | — |
| 55 to 60 years, | — | 11 | — | — |
| 60 to 70 years, | — | 10 | — | — |
| 70 to 80 years, | — | — | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 335 | 335 | — | — |
| Average ages, | 26.65 | 37.38 | — | — |

TABLE No. 10. — *Probable Duration of Inebriety before Admission in Persons first committed.*

| | |
|--|-------|
| Under 1 year, | 10 |
| From 1 to 2 years, | 16 |
| 2 to 3 years, | 28 |
| 3 to 4 years, | 10 |
| 4 to 5 years, | 25 |
| 5 to 6 years, | 16 |
| 6 to 7 years, | 23 |
| 7 to 8 years, | 14 |
| 8 to 9 years, | 14 |
| 9 to 10 years, | 25 |
| 10 to 15 years, | 62 |
| 15 to 20 years, | 66 |
| Over 20 years, | 26 |
| Total, | 335 |
| Average known duration (in years), | 10.15 |

TABLE No. 11. — *Causes of Death.*

| | |
|------------------------------------|---|
| Pulmonary tuberculosis, | 2 |
| Mitral insufficiency, | 1 |
| Acute alcoholic toxæmia, | 1 |
| Total, | 4 |

362
M 384
v. 6

Public Document

No. 106

SIXTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORFOLK STATE HOSPITAL

FOR THE YEAR ENDING NOVEMBER 30, 1919



BOSTON

WRIGHT & POTTER PRINTING CO., STATE PRINTERS

32 DERNE STREET

1920

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OFFICERS
OF THE
NORFOLK STATE HOSPITAL.

TRUSTEES.

JAMES J. TILLINGHAST, *Chairman.*
FRANK L. LOCKE, *Secretary.*
EDWIN MULREADY.
PHILIP R. ALLEN.
LOMBARD WILLIAMS.
OTHO L. SCHOFIELD, M.D.
ALBERT E. BRADLEY.

IRWIN H. NEFF, M.D., *Superintendent.*
FREDERICK P. MOORE, M.D., . . . *First Assistant Physician.*

THOMAS F. FOSS, *Director of Out-patient
Work.*

The Commonwealth of Massachusetts

TRUSTEES' REPORT.

To His Excellency the Governor of Massachusetts.

During the fiscal year just passed the arrangements made in October, 1918, with the consent of the Governor and Council, for the use of the Washingtonian Home and the Massachusetts Home and Hospital in Boston for the accommodation of patients requiring hospital treatment has naturally limited the scope of our work. It is felt, however, that by reduction in the length of hospital treatment and earlier discharge to the out-patient department the service has not materially suffered, save that of course under these restricted conditions it has not been possible to develop or extend the work of the institution.

By shortening the term of hospital treatment and earlier discharge to the out-patient department, the service has been adapted to its changed facilities.

Because of the general knowledge that the institution at Norfolk, which was built for our work, was being used by the Federal government, a much smaller number of cases have been referred to or have applied at our office at No. 3 Fayette Street than would have been the case had our work been carried on under the former favorable conditions.

The temporary arrangements referred to above have proved to be ill adapted for the work, as will be recognized by a review of the history of the Norfolk State Hospital and the reasons for the poor success of the Foxborough State Hospital, which preceded it.

In this connection the special report of this Board, then the Board of Trustees of the Foxborough State Hospital, on the problem of inebriety in general (House Document No. 1390 of the year 1910), and the reports of Norfolk State Hospital from 1914 to 1918 (Public Document No. 106), together

with the report of the superintendent for this year, which is submitted herewith, will be of particular interest. Had it not been evident a year ago that the number committed, and those coming to us voluntarily, would be less than previously, such poor facilities would never have been suggested.

During the past few months the public drunkard has almost disappeared. There has been an increase in the number of drug cases applying for hospital treatment, due very largely to the increased difficulty in getting habit-forming drugs (the Federal government having been more active in suppressing the sale), and due also to a rise in the price of morphine to the addict from \$52 to \$98 an ounce. When an addict cannot get his drug he prefers to taper off under hospital care rather than to suffer intensely by being suddenly cut off.

The Board asked on July 2, 1919, and on Aug. 22, 1919, for an appropriation of \$3,062.50 with which to make improvements in the two private hospitals, and for such additions to the staff at our disposal as would make this emergency treatment reasonably satisfactory for another year. There has been no response to these requests. These suggested improvements are vitally necessary.

The out-patient work, particularly its industrial features, should be extended and more effectively advertised throughout the State. We may look forward to closer co-operation between the National and State governments in the suppression of the sale of drugs and in therapeutic treatment, as is indicated by Senate Bill No. 2785, Sixty-sixth Congress. The amount and particulars of our work are given in the report of the superintendent, which follows this report.

During the year Trustee W. Rodman Peabody resigned. Mr. Albert E. Bradley of Boston was appointed by the Governor in his place.

In August, 1919, Trustee Robert A. Woods resigned. Mr. Joseph J. Tillinghast of Milton was appointed as his successor.

Dr. Solomon H. Rubin, acting assistant physician to the out-patient department since April 27, 1913, resigned on Oct. 14, 1919.

Dr. Frederick P. Moore, first assistant physician of the Norfolk State Hospital, who had been serving in the United

States Army Medical Corps, returned from leave of absence on Oct. 11, 1919.

The members of the Board realize that national prohibition, when exercised, will cause a further decrease in the number of cases of public drunkenness. Our experience, however, is a warning against the introduction of any State policy which would furnish inadequate treatment for inebriety in whatever form it may appear. Alcoholism and drug addiction are expressions of an individual defect, requiring distinctive and specialized treatment. Unquestionably the State should furnish means for furthering such treatment. The Board is therefore of the opinion, as expressed in the last annual report, that the principles of treatment as formerly outlined and used continuously by the Norfolk State Hospital should be restored.

Respectfully submitted,

JOSEPH J. TILLINGHAST.

FRANK L. LOCKE.

EDWIN MULREADY.

PHILIP R. ALLEN.

LOMBARD WILLIAMS.

OTHO L. SCHOFIELD.

ALBERT E. BRADLEY.

SUPERINTENDENT'S REPORT.

To the Trustees of the Norfolk State Hospital.

During the fiscal year the arrangement made in October, 1919, with the consent of the Governor and Council, for caring for committed and voluntary cases at the Washingtonian Home and the Massachusetts Home and Hospital in Boston, has continued in force.

The need of a central hospital equipped with the opportunities for out-of-door exercises and selected occupation has had an appreciable effect on the number of cases applying for hospital treatment. The daily average of hospital cases has also been curtailed by insufficient appropriation. For these reasons the hospitals have been largely used for emergency treatment, the out-patient department supplementing any extended treatment required. Notwithstanding these disadvantages and the unavoidable handicaps existing in perpetuating the work, a considerable number of cases have received hospital care. The number of cases of alcoholism treated at the hospital, and the number of men and women applying for treatment and advice at the out-patient clinics, has materially decreased. There has been a progressive increase in the number of drug cases applying for institutional care. This clearly indicates the urgent need for a standardized method for handling such cases. A definite hospital area should be set aside where all cases of drug addiction could receive the specialized and distinctive treatment which they require. Added to such hospital facilities there should be a well-organized medical sociological department, which department should carry on an active State-wide educational campaign. The inauguration of such a plan, with complete co-operation with Federal authorities, would be of inestimable value in the suppression of the evils arising from illegal traffic in narcotic drugs. A daily average of twenty-four patients has been kept at the different

hospitals. To those patients should be added the daily average of patients reporting at the out-patient clinics and the number of men and women treated by the out-patient department without a hospital residence. Only in this way can we satisfactorily estimate the average daily number of patients under treatment by the method which has been developed and consistently used by the Norfolk State Hospital. Estimated on a basis as above described, the daily average of cases under treatment would be 36.99.

The following figures refer to the population at the two hospitals for the fiscal year beginning Dec. 1, 1918, and ending Nov. 30, 1919: 516 cases have been admitted. Of this number, 328, or 63 per cent, were voluntarily admitted, and 46, or 8 per cent, were committed. Fifteen, or 2 per cent, at the time of their admission to the hospitals, were under probation or suspended sentence. One hundred and fifty-two, or 29 per cent, of those admitted for the year were cases of alcoholism, and 364, or 70 per cent, were drug inebriates. Thirty-five, or 6 per cent, had been in other public or private institutions. Nineteen, or 3 per cent, had served one or more sentences in a penal institution for alcoholic or drug inebriety. Of the total number of admissions during the year, 374 were new admissions. One hundred and forty-two cases were returned from visit, leave of absence or escape. The total number of cases during the year under treatment was 547. For the fiscal year 465 patients were discharged from the hospital, and 2 deaths occurred.

Following is a brief summary of the work performed by the out-patient department during the year: —

| | |
|---|-------|
| Number of discharged patients reporting at the office, . . . | 1,665 |
| Number of consultations at the office, | 543 |
| Number of inquiries, | 369 |
| Number of social service cases which have been treated without hospital residence, | 110 |
| Number of visits to homes of patients, | 2,562 |

The following statistical table gives information of discharged patients for a ten-year period beginning Oct. 1, 1909, and ending Oct. 1, 1919: —

| | From Oct. 1, 1909, to Oct. 1, 1910. | From Oct. 1, 1910, to Oct. 1, 1911. | From Oct. 1, 1911, to Oct. 1, 1912. | From Oct. 1, 1912, to Oct. 1, 1913. | From Oct. 1, 1913, to Oct. 1, 1914. | From Oct. 1, 1914, to Oct. 1, 1915. | From Oct. 1, 1915, to Oct. 1, 1916. | From Oct. 1, 1916, to Oct. 1, 1917. | From Oct. 1, 1917, to Oct. 1, 1918. | From Oct. 1, 1918, to Oct. 1, 1919. | Totals. |
|--|--|--|--|--|--|--|--|--|--|--|---------|
| Abstinent, | 18 | 23 | 45 | 78 | 81 | 126 | 204 | 248 | 168 | 811 | 1,072 |
| Improved, drinking some, but working and earning a liveli- hood. | 5 | 18 | 5 | 19 | 24 | 46 | 104 | 97 | 44 | 21 | 383 |
| Unimproved, not benefited by hospital treatment. | 8 | 12 | 17 | 16 | 26 | 74 | 86 | 96 | 97 | 30 | 462 |
| Patients not located, present con- dition unknown. | 7 | 19 | 6 | 52 | 80 | 209 | 238 | 293 | 191 | 51 | 1,146 |
| Died, | 2 | 4 | 5 | 7 | 13 | 28 | 24 | 38 | 21 | 9 | 151 |
| Insane, | - | - | - | 1 | - | - | - | - | 1 | - | 2 |
| Totals, | 40 | 76 | 73 | 73 | 224 | 438 | 656 | 772 | 522 | 192 | 3,111 |

IRWIN H. NEFF,
Superintendent.

DEC 5 1920

VALUATION.

Nov. 30, 1919.

| | | |
|--|--------------|--------------|
| Land: — | | |
| Grounds (120 acres), | \$6,708 40 | |
| Woodland (265½ acres), | 11,468 23 | |
| Mowing (48¼ acres), | 1,924 13 | |
| Tillage (41½ acres), | 2,096 67 | |
| Orchard (14½ acres), | 586 09 | |
| Pasture (210½ acres), | 8,508 41 | |
| Waste (423¾ acres), | 17,013 06 | |
| Total (1,124 acres), | | \$48,304 99 |
| Buildings: — | | |
| Inmates, | \$116,563 00 | |
| Employees, | 11,712 00 | |
| Administration, | 99,741 00 | |
| Farm, stable and grounds, | 23,772 00 | |
| Heat, light and power, | 11,460 00 | |
| Miscellaneous, | 38 00 | |
| | | 263,286 00 |
| Miscellaneous: — | | |
| Equipment for heat, light and power, | \$22,421 00 | |
| Heating system, | 16,792 00 | |
| Hot-water system, | 182 00 | |
| Sewerage system, | 3,597 00 | |
| Subways, | 219 00 | |
| Water system, | 11,870 00 | |
| Equipment for laundry, | 2,751 00 | |
| All other items, | 9,693 00 | |
| | | 67,525 00 |
| | | \$379,115 99 |

As this institution is still occupied by the United States government, no inventory of personal property can be made.

TREASURER'S REPORT.

To the Commissioner of the Department of Mental Diseases.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1919:—

CASH ACCOUNT.

| | |
|---------------------------------|------------|
| Balance Dec. 1, 1919, | \$3,120 44 |
|---------------------------------|------------|

Receipts.

Institution Receipts.

Board of inmates:—

| | |
|--------------------|----------|
| Private, | \$250 70 |
|--------------------|----------|

Sales:—

| | |
|---|---------|
| Travel, transportation and office expenses, | \$21 25 |
|---|---------|

Farm and stable:—

| | |
|--------------------------|--------|
| Pigs and hogs, | 306 00 |
|--------------------------|--------|

327 25

Miscellaneous receipts:—

| | |
|--------------------------------------|---------|
| Interest on bank balances, | \$38 12 |
|--------------------------------------|---------|

| | |
|-------------------------|------|
| Manufactures, | 3 00 |
|-------------------------|------|

| | |
|---------------------|------|
| Sundries, | 4 15 |
|---------------------|------|

45 27

623 22

Receipts from Treasury of Commonwealth.

Maintenance appropriations:—

| | |
|----------------------------|------------|
| Balance of 1918, | \$3,018 37 |
|----------------------------|------------|

| | |
|---|----------|
| Advance money (amount on hand November 30), | 2,500 00 |
|---|----------|

41,936 33

| | |
|------------------|-------------|
| Total, | \$45,679 99 |
|------------------|-------------|

Payments.

| | |
|--|----------|
| To treasury of Commonwealth, institution receipts, | \$623 22 |
|--|----------|

Maintenance appropriations:—

| | |
|---|------------|
| Balance November schedule, 1918, and October, 1918, | \$6,138 81 |
|---|------------|

| | |
|---|-----------|
| Eleven months' schedules, 1919, | 36,417 96 |
|---|-----------|

| | |
|------------------------------|----------|
| November advances, | 1,642 45 |
|------------------------------|----------|

44,199 22

Balance Nov. 30, 1919:—

| | |
|--------------------|---------|
| In bank, | \$57 55 |
|--------------------|---------|

| | |
|------------------|-------------|
| Total, | \$45,679 99 |
|------------------|-------------|

MAINTENANCE.

| | |
|--|-------------|
| Appropriation, current year, | \$42,850 00 |
| Balance from previous year, brought forward, | 10 81 |
| Total, | \$42,860 81 |
| Expenses (as analyzed below), | 39,424 60 |
| Balance reverting to treasury of Commonwealth, | \$3,436 21 |

Analysis of Expenses.

Personal services: —

| | |
|--|-------------|
| Irwin H. Neff, M.D., superintendent, | \$4,500 00 |
| Medical, | 1,232 21 |
| Administration, | 6,208 30 |
| Ward service (female), | 521 13 |
| | \$12,461 64 |

Travel, transportation and office expenses: —

| | |
|--|----------|
| Automobile repairs and supplies, | \$653 64 |
| Postage, | 10 75 |
| Printing and binding, | 77 76 |
| Printing annual report, | 103 21 |
| Stationery and office supplies, | 164 75 |
| Telephone and telegraph, | 216 11 |
| Travel, | 2,111 41 |
| Sundries, | 217 35 |
| Freight, | 1 96 |
| | 3,556 94 |

Food: —

| | |
|---|---------|
| Flour, | \$32 06 |
| Cereals, rice, meal, etc., | 26 24 |
| Bread, crackers, etc., | 41 02 |
| Peas and beans (canned and dried), | 1 93 |
| Macaroni and spaghetti, | 70 |
| Potatoes, | 13 71 |
| Meat, | 236 28 |
| Fish (fresh, cured and canned), | 16 64 |
| Butter, | 21 92 |
| Butterine, etc., | 43 80 |
| Peanut butter, | 5 79 |
| Cheese, | 12 59 |
| Coffee, | 21 71 |
| Coffee substitutes, | 69 |
| Tea, | 1 60 |
| Cocoa, | 1 82 |
| Milk (whole), | 107 96 |
| Milk (condensed, evaporated, etc.), | 13 59 |
| Eggs (fresh), | 49 60 |
| Sugar (cane), | 42 76 |
| Fruit (fresh), | 51 47 |
| Fruit (dried and preserved), | 3 95 |
| Lard and substitutes, | 12 28 |
| Molasses and syrups, | 8 39 |

Amounts carried forward, \$768 30 \$16,018 58

| | | |
|---|-----------|-------------|
| <i>Amounts brought forward,</i> | \$768 30 | \$16,018 58 |
| Food — <i>Con.</i> | | |
| Vegetables (fresh), | 12 56 | |
| Vegetables (canned and dried), | 15 16 | |
| Seasonings and condiments, | 20 12 | |
| Yeast, baking powder, etc., | 9 72 | |
| Sundry foods, | 23 38 | |
| Freight, | 52 | |
| | <hr/> | 849 96 |
| Clothing and materials: — | | |
| Sundries, | | 11 74 |
| Furnishings and household supplies: — | | |
| Electric lamps, | \$3 50 | |
| Fire hose and extinguishers, | 17 00 | |
| Kitchen and household wares, | 12 80 | |
| Laundry supplies and materials, | 9 73 | |
| Sundries, | 91 99 | |
| | <hr/> | 135 02 |
| Medical and general care: — | | |
| Gratuities, | \$34 59 | |
| Manual training supplies, | 15 37 | |
| Medicines (supplies and apparatus), | 53 73 | |
| Medical attendance (extra), | 3 00 | |
| Patients boarded out, | 20,349 94 | |
| Water, | 8 00 | |
| Sundries, | 1,182 57 | |
| Freight, | 1 41 | |
| | <hr/> | 21,648 61 |
| Heat, light and power: — | | |
| Coal (anthracite), | \$248 25 | |
| Wood, | 20 00 | |
| Electricity, | 52 43 | |
| Gas, | 16 20 | |
| Oil, | 9 16 | |
| Sundries, | 15 00 | |
| | <hr/> | 361 04 |
| Farm and stable: — | | |
| Labor (not on pay roll), | \$9 89 | |
| Tools, implements, machines, etc., | 23 60 | |
| Freight, | 4 41 | |
| | <hr/> | 37 90 |
| Repairs, ordinary: — | | |
| Electrical work and supplies, | \$2 95 | |
| Hardware, iron, steel, etc., | 65 | |
| Labor (not on pay roll), | 333 07 | |
| Lumber, etc. (including finished products), | 25 08 | |
| | <hr/> | 361 75 |
| Total expenses for maintenance, | | \$39,424 60 |

RESOURCES AND LIABILITIES.

Resources.

| | | |
|--|----------|------------|
| Cash on hand, | \$857 55 | |
| November cash vouchers (paid from advance money), account maintenance, | 1,642 45 | |
| Due from treasury of Commonwealth from available appropriation account, November, 1919, schedule, | 506 64 | |
| | <hr/> | \$3,006 64 |

Liabilities.

| | |
|---------------------------------------|------------|
| Schedule of November bills, | \$3,006 64 |
|---------------------------------------|------------|

PER CAPITA.

During the year the average number of inmates has been 23.90.

Total cost for maintenance, \$39,424.60 (including men's, women's and out-patient departments).

Equal to a weekly per capita cost of \$31.7228 (including men's, women's and out-patient departments).

Receipt from sales, \$309.

Equal to a weekly per capita of \$0.2486.

All other institution receipts, \$314.22.

Equal to a weekly per capita of \$0.2528.

Respectfully submitted,

IRWIN H. NEFF,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,

Auditor.

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STATISTICAL TABLES

PRESCRIBED BY MASSACHUSETTS COMMISSION ON MENTAL DISEASES

GENERAL STATISTICS.

TABLE NO. 1. — *General Statistics for Year.*

| | |
|---|-----|
| Patients in hospital Dec. 1, 1918, | 31 |
| Admissions within the year, | 516 |
| By commitment, | 46 |
| Voluntary, | 328 |
| By return from leave of absence of previous years, | 21 |
| By return from visit of previous years, | 121 |
| Whole number of cases within the year, | 547 |
| Final discharges within the year, | — |
| By death while in hospital, | 2 |
| By death while on leave of absence, | — |
| By death while on visit, | — |
| By death, escaped, | — |
| As insane, | — |
| By time limit while in hospital, | — |
| By time limit while on leave of absence, | 145 |
| By time limit escaped, | — |
| “As not to be benefited by further treatment” while in hospital, | 46 |
| “As not to be benefited by further treatment” while on leave of absence, | — |
| “As not to be benefited by further treatment” while on visit, | — |
| “As not to be benefited by further treatment” while on escape, | — |
| Expiration of visit, | 603 |
| Deported, | — |
| Patients absent, not finally discharged, dismissed in 1919, | 470 |
| Leave of absence, | 63 |
| Escape, | 6 |
| Visit, | 401 |
| Patients absent, not finally discharged, dismissed in previous years, | 169 |
| Leave of absence, | 160 |
| Escaped, | 9 |

TABLE NO. 1. — *General Statistics for Year* — Concluded.

| | |
|---|------|
| Patients remaining in hospital Dec. 1, 1919, | 6 |
| Viz.: State patients, | 6 |
| Private patients, | — |
| Reimbursing, | — |
| Number of different persons admitted, | 510 |
| Number of different persons dismissed, | 465 |
| Daily average number of patients (including observation cases), . | 23 |
| Viz.: State patients, | 21.8 |
| Private patients, | 2.1 |
| Reimbursing patients, | — |

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TABLE No. 2. — *Monthly Admissions, Discharges and Averages.*

| | ADMISSIONS. | | | | | | DISCHARGES. | | | | | | Daily Average of Patients in Hospital. | | | |
|--|--------------|------------|---|---|---|--------------------------------|--------------------------------|---------|-------------|-------------|---------|-------------------|--|----------|---------|---------|
| | Commitments. | Voluntary. | Returns from Leave of Absence of 1916-17. | Returns from Leave of Absence of 1917-18. | Returns from Leave of Absence of 1918-19. | Returns from Visit of 1917-18. | Returns from Visit of 1918-19. | Totals. | Time Limit. | Unsuitable. | Deaths. | Leave of Absence. | | Escapes. | Visits. | Totals. |
| 1918. | | | | | | | | | | | | | | | | |
| December, | 7 | 18 | — | — | — | 13 | — | 38 | 20 | 2 | — | 7 | — | 35 | 64 | 22 35 |
| 1919. | | | | | | | | | | | | | | | | |
| January, | 3 | 34 | 1 | — | — | 6 | 6 | 50 | 10 | 2 | — | 2 | 2 | 32 | 48 | 33 25 |
| February, | 4 | 29 | — | — | — | 9 | 2 | 46 | 9 | — | 1 | 5 | 1 | 46 | 62 | 35 32 |
| March, | 7 | 44 | — | — | — | 4 | 8 | 63 | 22 | — | — | 8 | — | 41 | 71 | 35 07 |
| April, | 5 | 21 | — | — | — | 1 | 7 | 42 | 8 | 1 | — | 5 | — | 36 | 50 | 21 00 |
| May, | 1 | 31 | — | — | — | 3 | 5 | 42 | 23 | — | 1 | 10 | — | 40 | 74 | 25 82 |
| June, | 3 | 41 | — | — | — | 6 | 9 | 61 | 13 | 4 | — | 3 | — | 55 | 75 | 31 53 |
| July, | 5 | 20 | — | — | — | 2 | 11 | 41 | 10 | 6 | — | 2 | — | 29 | 42 | 19 83 |
| August, | 3 | 24 | — | — | — | 3 | 3 | 33 | 12 | 6 | — | 6 | — | 24 | 52 | 22 16 |
| September, | 3 | 24 | — | — | — | 1 | 7 | 34 | 7 | 8 | — | 1 | — | 25 | 43 | 21 00 |
| October, | 4 | 16 | — | — | — | 1 | 6 | 28 | 6 | 8 | — | 3 | — | 25 | 43 | 16 86 |
| November, | 2 | 26 | 1 | — | — | 1 | 8 | 38 | 5 | 16 | — | 9 | — | 49 | 79 | 13 10 |
| Total of admissions, | 46 | 328 | 2 | 8 | 11 | 49 | 72 | 516 | 145 | 46 | 2 | 63 | 6 | 441 | 703 | — |
| Total of persons, | 46 | 328 | 2 | 8 | 11 | 49 | 72 | 516 | 145 | 46 | 2 | 63 | 6 | 441 | 703 | — |
| Total returns from leave of absence, escapes and visits within the year, | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total of persons, etc., | — | — | 2 | 8 | 11 | 49 | 72 | 142 | — | — | — | — | — | — | — | — |
| Total of final discharges, | — | — | 2 | 8 | 11 | 49 | 72 | 142 | 145 | 46 | 2 | — | — | — | — | — |
| Total of persons finally discharged, | — | — | — | — | — | — | — | — | 145 | 46 | 2 | — | — | — | — | — |
| Total of conditional discharges, | — | — | — | — | — | — | — | — | 145 | 46 | 2 | 63 | 6 | 441 | 703 | — |
| Total of persons conditionally discharged, | — | — | — | — | — | — | — | — | — | — | — | 52 | 6 | 399 | 427 | — |

TABLE NO. 3. — *Received on First and Subsequent Commitments.*

| | |
|-----------------------------|-----|
| First, | 265 |
| Second, | 92 |
| Third, | 77 |
| Total of cases, | 434 |
| Total of persons, | 429 |

TABLE NO. 4. — *Nativity and Parentage of Persons first committed.*

| | Patient. | Mother. | Father. |
|---------------------------------|----------|---------|---------|
| Massachusetts, | 158 | 68 | 70 |
| Other New England States, . . . | 37 | 61 | 54 |
| Other States, | 17 | 17 | 15 |
| Total native, | 212 | 146 | 139 |
| Ireland, | 24 | 73 | 81 |
| Canada, | 14 | 27 | 20 |
| England, | 5 | 5 | 8 |
| Germany, | 2 | 2 | 2 |
| Scotland, | 3 | 3 | 5 |
| Sweden, | 1 | 2 | 2 |
| France, | — | — | — |
| Russia, | 3 | 5 | 5 |
| Portugal, | 1 | 1 | 1 |
| Italy, | — | 1 | 1 |
| Norway, | — | — | 1 |
| Total foreign, | 53 | 119 | 126 |
| Total, | 265 | 265 | 265 |

TABLE No. 5. — *County Residence of Persons first committed.*

| PLACES. | Persons committed. |
|---|-----------------------|
| Suffolk County, | 136 |
| Essex County, | 18 |
| Bristol County, | 17 |
| Middlesex County, | 26 |
| Plymouth County, | 16 |
| Worcester County, | 12 |
| Norfolk County, | 22 |
| Hampden County, | 12 |
| Franklin County, | 1 |
| Hampshire County, | 2 |
| Barnstable County, | 1 |
| Berkshire County, | 2 |
| Total, | 265 |
| Cities and large towns over 10,000, | 241 |
| Country districts under 10,000, | 24 |

TABLE No. 6. — *Civil Condition of Persons first committed.*

| COMMITMENT. | Single. | Married. | Widowers. | Widows. | Divorced. | Total. |
|--------------|---------|----------|-----------|---------|-----------|--------|
| First, . . . | 112 | 111 | 20 | 5 | 17 | 265 |
| Total cases, | 112 | 111 | 20 | 5 | 17 | 265 |

TABLE NO. 7. — *Town Residence of Persons first committed.*

| | Voluntary. | Committed. | Total. | | Voluntary. | Committed. | Total. |
|--------------------|------------|------------|--------|--------------------|------------|------------|--------|
| Abington, . . . | — | 1 | 1 | Millis, . . . | 1 | — | 1 |
| Agawam, . . . | 1 | — | 1 | Natick, . . . | 1 | — | 1 |
| Beachmont, . . . | 1 | — | 1 | New Bedford, . . . | 4 | — | 4 |
| Boston, . . . | 121 | 4 | 125 | Newburyport, . . . | 1 | — | 1 |
| Braintree, . . . | 3 | — | 3 | Newton, . . . | 3 | 1 | 4 |
| Bridgewater, . . . | 1 | — | 1 | Norton, . . . | 1 | — | 1 |
| Brockton, . . . | 6 | 1 | 7 | Norwood, . . . | 1 | — | 1 |
| Brookline, . . . | 4 | — | 4 | Pittsfield, . . . | 1 | 1 | 2 |
| Cambridge, . . . | 3 | 5 | 8 | Quincy, . . . | 7 | — | 7 |
| Chelsea, . . . | 2 | 4 | 6 | Randolph, . . . | 1 | — | 1 |
| Danvers, . . . | — | 3 | 3 | Revere, . . . | 1 | — | 1 |
| Everett, . . . | 1 | — | 1 | Rockland, . . . | 2 | — | 2 |
| Fall River, . . . | — | 3 | 3 | Salem, . . . | 3 | 3 | 6 |
| Fitchburg, . . . | 1 | — | 1 | Somerville, . . . | 3 | — | 3 |
| Foxborough, . . . | 3 | — | 3 | Springfield, . . . | 8 | 1 | 9 |
| Framingham, . . . | 1 | — | 1 | Stoneham, . . . | 1 | — | 1 |
| Greenfield, . . . | 1 | 1 | 2 | Stoughton, . . . | 2 | — | 2 |
| Haverhill, . . . | 1 | — | 1 | Swansea, . . . | — | 1 | 1 |
| Holyoke, . . . | 1 | — | 1 | Taunton, . . . | 1 | 2 | 3 |
| Lawrence, . . . | 4 | 1 | 5 | Waltham, . . . | — | 1 | 1 |
| Leominster, . . . | 2 | 2 | 4 | Watertown, . . . | 1 | 1 | 2 |
| Lexington, . . . | 1 | — | 1 | Westborough, . . . | 1 | — | 1 |
| Lowell, . . . | 4 | — | 4 | Wilmington, . . . | 1 | — | 1 |
| Lynn, . . . | 10 | — | 10 | Woburn, . . . | 1 | — | 1 |
| Malden, . . . | 2 | — | 2 | Worcester, . . . | 3 | — | 3 |
| Medford, . . . | 2 | — | 2 | | | | |
| Melrose, . . . | 1 | — | 1 | Total, . . . | 228 | 37 | 265 |
| Milford, . . . | 2 | — | 2 | | | | |

TABLE NO. 8. — *Occupations of Persons first committed.*

| | | | |
|--------------------------------|----|-----------------------------------|-----|
| Actress, | 1 | Letter carrier, | 1 |
| Awning hangers, | 3 | Machinists, | 12 |
| Barbers, | 3 | Marine fireman, | 1 |
| Basket maker, | 1 | Merchants, | 2 |
| Blacksmith, | 1 | Mill operators, | 4 |
| Bookkeeper, | 1 | Musicians, | 3 |
| Butcher, | 1 | Nurses, | 4 |
| Buyer, | 1 | Oculist, | 1 |
| Carpenters, | 5 | Painters, | 6 |
| Carriage painter, | 1 | Pattern maker, | 1 |
| Cashier, | 1 | Plasterer, | 1 |
| Chauffeurs, | 4 | Plumbers, | 4 |
| Cigar makers, | 3 | Porter, | 1 |
| Clerks, | 10 | Printers, | 5 |
| Clothing cutters, | 2 | Publisher, | 1 |
| Coachman, | 1 | Roofer, | 1 |
| Compositor, | 1 | Rubber worker, | 1 |
| Conductor, | 1 | Sailor, | 1 |
| Contractor, | — | Salesladies, | 4 |
| Cooks, | 7 | Salesmen, | 7 |
| Currier, | 1 | Sheet-metal workers, | 2 |
| Dentist, | 1 | Shipper, | 1 |
| Druggist, | 1 | Shoe workers, | 23 |
| Electrician, | 1 | Special police officer, | 1 |
| Electrical engineer, | 1 | Steam fitters, | 2 |
| Elevator operators, | 2 | Stenographer, | 1 |
| Engineers, | 2 | Superintendent, | 1 |
| Farmers, | 4 | Tailors, | 3 |
| Foreman, | 1 | Teamsters, | 12 |
| Grocer, | 1 | Telegrapher, | 1 |
| Hotel men, | 2 | Waiters, | 6 |
| Hotel worker, | 1 | Waitresses, | 4 |
| Housekeeper, | 1 | Watchmen, | 2 |
| Housemaids, | 5 | Wood carvers, | 1 |
| Housewives, | 38 | Woodworkers, | 1 |
| Insurance agent, | 1 | | |
| Janitors, | 2 | Total, | 265 |
| Laborers, | 38 | | |

TABLE NO. 9. — *Ages at First Attack, Admission and Death.*

| AGES. | FIRST COMMITTED. | | DIED. | |
|------------------------------|------------------|----------------|------------------|----------------|
| | At First Attack. | When admitted. | At First Attack. | When admitted. |
| Less than 15 years, | 4 | — | — | — |
| From 15 to 20 years, | 70 | 3 | — | — |
| 20 to 25 years, | 98 | 23 | — | — |
| 25 to 30 years, | 49 | 34 | — | — |
| 30 to 35 years, | 19 | 36 | — | 1 |
| 35 to 40 years, | 11 | 52 | — | — |
| 40 to 45 years, | 5 | 41 | — | 1 |
| 45 to 50 years, | 3 | 28 | — | — |
| 50 to 55 years, | 6 | 25 | — | — |
| 55 to 60 years, | — | 14 | — | — |
| 60 to 70 years, | — | 7 | — | — |
| 70 to 80 years, | — | 2 | — | — |
| 80 to 90 years, | — | — | — | — |
| Total persons, | 265 | 265 | — | 2 |
| Average ages, | 25.12 | 38.156 | — | — |

TABLE NO. 10. — *Probable Duration of Inebriety before Admission in Persons first committed.*

| | |
|--|-------|
| Under 1 year, | 9 |
| From 1 to 2 years, | 6 |
| 2 to 3 years, | 15 |
| 3 to 4 years, | 7 |
| 4 to 5 years, | 8 |
| 5 to 6 years, | 11 |
| 6 to 7 years, | 12 |
| 7 to 8 years, | 16 |
| 8 to 9 years, | 8 |
| 9 to 10 years, | 3 |
| 10 to 15 years, | 42 |
| 15 to 20 years, | 56 |
| Over 20 years, | 72 |
| Total, | 265 |
| Average known duration (in years), | 10.12 |

TABLE No. 11. — *Causes of Death.*

| | |
|----------------------------|---|
| Alcoholic œdema, | 1 |
| Cerebral œdema, | 1 |
| Total, | 2 |

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